

CANON REVEALS
NEW EOS M2 CSC



ILFORD LAUNCHES NEW
B&W DARKROOM PAPERS

Saturday 4 January 2014

amateur

Photographer

THE WORLD'S NO.1 WEEKLY PHOTO MAGAZINE

www.amateurphotographer.co.uk



ON TEST

PAGE 41

PANASONIC LUMIX GM1

The world's smallest micro four thirds camera is a pocket beauty



ON TEST

PAGE 55

DXO OPTICS PRO 9

Why you may never want to use another raw processor again



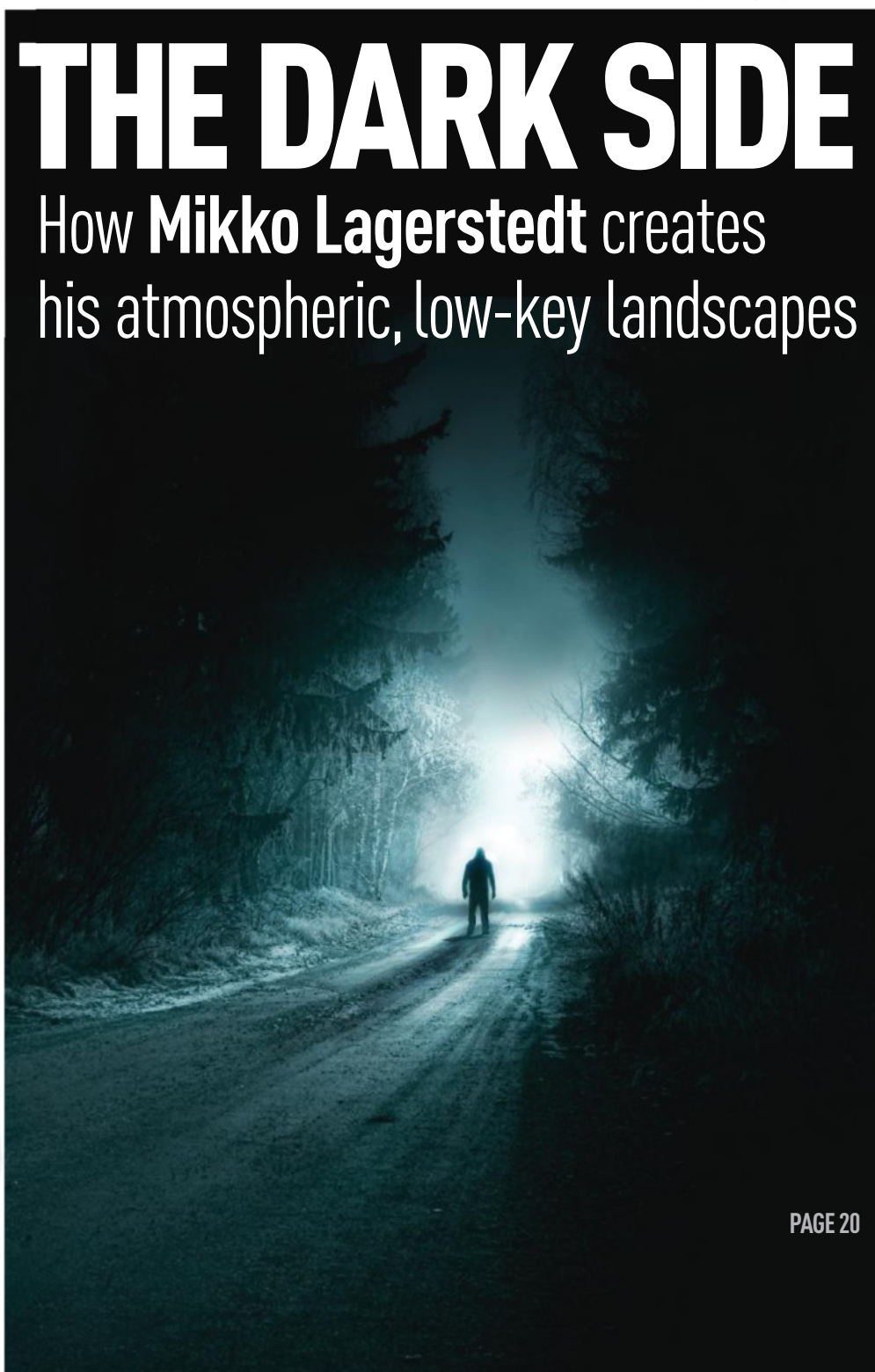
PAGE 18

MASTER PHOTOMERGE

How to create perfect stitched panoramas in Photoshop

THE DARK SIDE

How Mikko Lagerstedt creates his atmospheric, low-key landscapes



PAGE 20

Exclusive 2-year guarantee on all Canon cameras and lenses

Discover our diverse range of
Canon lenses, premium compact
cameras and digital SLRs

Buy online today and collect
tomorrow in any John Lewis or
selected Waitrose stores*

We always check and match
our competitors' prices**

Canon 5D MKIII Digital SLR
+24-105mm lens
£2,975.95

Canon EF 70-200mm
F2.8 L IS II USM lens
£1,829.95

Canon EF 17-40mm
F4.0 L USM lens
£579.95



Never Knowingly Undersold
on quality | on price | on service

John Lewis
in store | online | mobile

*Click and collect available for most but not all items from all John Lewis shops and selected Waitrose shops, see online for more details. Click to buy before 7pm and collect after 2pm the next day. **Our commitment to value means that we match the prices of high street competitors (this excludes online-only or mail order businesses). Service conditions must be comparable. See our 'Never Knowingly Undersold' leaflet in our shops or online for details. Prices correct at time of going to press. Exclusive 2-year guarantee included at no extra cost.

Contents

Amateur Photographer For everyone who loves photography

AFTER the annual festival of gluttony and sloth that has just ended, it's traditional to start thinking about New Year resolutions. Like most people, mine usually entail stepping away from the fridge and re-acquainting my lazy backside with the concept of cardiovascular exercise. Sometimes I manage to keep this up until Easter, but not often.

However, my resolution for 2014 will be a pleasure, not a chore. This year marks the tenth anniversary of the last time I shot a roll of film. It was Fujichrome Velvia, and it was in Iceland. To be fair, I do have a good excuse for this lapse. As Editor of AP's sister title *What Digital Camera*,

there has been an endless merry-go-round of new digital cameras to try. But now that I am back at AP, I am looking forward to blowing the dust off my old Nikon F4s and running a roll of black & white film through it. Then – and here's the best bit – I will find a local darkroom and reacquaint myself with the joy of watching, under a red light, an image appear before my eyes in a dish. I can almost smell the fixer just thinking about it. I'll let you know how I get on.



Nigel Atherton
Group Editor

NEWS, VIEWS & REVIEWS

5 NEWS

Amateur's fall from Snowdon was an 'accident'; Sigma admits Nikon compatibility glitch; Canon debuts second compact system camera, but not in Europe; Ilford launches new darkroom papers

10 REVIEW

The latest books, exhibitions and websites

82 THE FINAL FRAME

The latest model in Tony Kempen's quest to use a different film camera each week is the Sputnik stereo camera

TECHNIQUE

14 PHOTO INSIGHT

Children's fashion and family lifestyle photographer Anders Hald offers advice on how to direct children and looks back at an image from 2009



P18

© MARTIN EVENING

18 RETOUCHER'S GUIDE

Martin Evening explains how to create a panoramic image using Photomerge

P41

We find out how the Panasonic Lumix DMC-GM1 performs in our six-page test



TESTS & TECHNICAL

41 PANASONIC LUMIX DMC-GM1

Boasting a 16-million-pixel sensor, interchangeable lenses and Wi-Fi in a palm-sized body, is the Panasonic Lumix DMC-GM1 the perfect balance between image quality and pocketability? Callum McInerney-Riley puts it to the test

51 TESTBENCH

Lollipop Support Stand and Profoto Softbox RFI

52 ASK AP

Our experts answer your questions

55 DXO OPTICS PRO 9

Vincent Oliver tests the latest update of DxO's image-correction software

YOUR WORDS & PICTURES

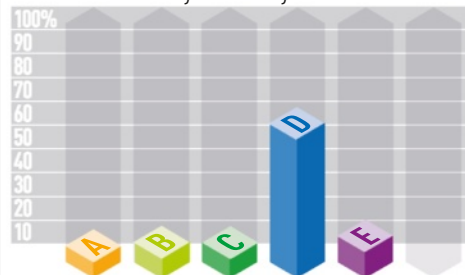
12 LETTERS

AP readers speak out on the week's issues

THE AP READERS' POLL

IN AP 7 DECEMBER WE ASKED...

Would you consider spending £1,000 on a bridge camera, even if it was the best you could buy?



YOU ANSWERED...

- A** Yes, the Cyber-shot DSC-RX10 looks perfect for my needs **7%**
- B** Possibly, if I was in the market for one **8%**
- C** I'd consider it if it was about £200 cheaper **8%**
- D** No, I'd rather buy a DSLR/CSC and an 18-200mm lens for the same money **67%**
- E** No, I have no need for such a long telephoto lens **10%**

THIS WEEK WE ASK... Are you planning to buy any new photographic gear during 2014?

VOTE ONLINE www.amateurphotographer.co.uk

13 BACKCHAT

AP reader Dan Kelso reflects on his wayward habits and his determination to change soon

26 READER SPOTLIGHT

Another selection of superb reader images

48 APPRAISAL

Chris Gatum examines your images, offering words of wisdom and constructive advice

FEATURES

20 LIGHTING UP THE LAND

Mikko Lagerstedt creates his wonderful and atmospheric landscapes with just his Nikon D800 and Lightroom. He talks to Debbi Allen

32 ON TOP OF THE WORLD

After an exceptionally hard-fought contest, Dusica Paripovic has been crowned the winner of APOY 2013. She talks to Jon Stapley about the highs and lows of the competition



© DUSICA PARIPOVIC

P32

36 ICONS OF PHOTOGRAPHY

Gjon Mili's influential body of work ranged from technically innovative stroboscopic images to documentary photographs, writes David Clark

HOW TO HAVE YOUR PICTURES PUBLISHED IN READER SPOTLIGHT Send in a selection of up to ten images. They can be either a selection of different images or all have the same theme. Digital files sent on CD should be saved in a Photoshop-compatible format, such as JPEG or TIFF, with a contact sheet and submission form. Visit www.amateurphotographer.co.uk/spotlight for details. We cannot publish images without the necessary technical details. Each RGB image should be a minimum of 2480 pixels along its longest length. Transparencies and prints are also accepted. We recommend that transparencies are sent without glass mounts and posted via Special Delivery. For transparencies, prints or discs to be returned you must include an SAE with sufficient postage.

HOW TO CONTACT US Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU **AP Editorial Telephone:** 0203 148 4138 **Fax** 0203 148 8123 **Email** amateurphotographer@ipcmedia.com **AP Advertising Telephone:** 0203 148 2516 **Email** mark_rankine@ipcmedia.com **AP Subscriptions Telephone:** 0844 848 0848 **Email** ipcsubs@quadrantsubs.com **AP test reports Telephone:** 01707 273 773 www.testreports.co.uk/photography/ap



NIKON WINTER CASHBACK
Plus loads of offers

FINANCE AVAILABLE

Get credit at the checkout
Get an instant decision
Pay just 10% deposit today

Powered by
Pay4Later

Cashback offers run from
16th October 2013 - 26th January 2014



Nikon Digital SLR

D5200

24.1 MP
DX format
Vari-angle
LCD screen
Full HD
Movie

Available in Black, Red and Bronze

D5200 Body £509.00 £7.47 P/m
D5200 18-55 Kit ... £549.00 £8.06 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D7000

16.2 MP
CMOS sensor
Full HD
Video
Recording

D7000 Body £579.00 £8.50 P/m
D7000 18-105 VR Kit .. £719.00 £10.55 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D5100

16.2 MP
DX-format
CMOS sensor
Full HD
Movies

D5100 Body £345.00 £8.10 P/m
D5100 18-55 Kit ... £389.00 £7.99 P/m
D5100 18-55 + 55-200 VR Twin Lens Kit
£569.00 £8.35 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D610

24.3 MP FX
CMOS sensor
6fps Shooting
Finely Detailed
Images

D610 Body £1549.00 £64.54 P/m
D610 + 24-85 Lens .. £1989.00 £82.66 P/m

FREE Nikon Pro Kit
Sandisk 64GB Pro SD
+ Nikon Backpack
WORTH £194

D3100

14.2 MP
Intuitive use
EXPEED 2
Engine

D3100 & 18-55MM VR Lens
£299.00 or £7.89 Per month
D3100 18-55 + 55-300 VR Twin Kit
£529.00 or £7.76 Per month

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D800

36.3 MP
FX sensor
Autofocus
system
Full HD
Video

D800 DSLR Body .. £1960.00 £28.76 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D3200

24.2 MP
EXPEED 3
Engine
Full HD
movies

Wireless Capability
D3200 Body £318.00 £7.47 P/m
D3200 18-55 VR Kit .. £359.00 £7.37 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D800E

36.3 MP
FX-format
sensor
Broadcast
quality
video
Optical low
pass filter

D800E Body £2349.00 £97.87 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D7100

24.1 MP
DX format
CMOS Sensor
Optical low
pass filter

D7100 Body £838.00 £12.30 P/m
D7100 + 18-105mm .. £979.00 £14.37 P/m

FREE Nikon Accessory Kit
Nikon Bag +
16GB SD Card

D4

16.2 MP
FX sensor
Amazing
speed
Full HD
Video

D4 DSLR Body £4239.00 £176.62 P/m

£500 MINIMUM
PART EXCHANGE OFFER
Take advantage of this trade in
promotion on select cameras!
see website for details

Nikon Zoom Lenses

Nikon lenses are regarded as among the best optics in the world



10-24mm f3.5-4.5 G AF-S DX Lens £649.00 £9.52 P/m
14-24mm f2.8G ED AF-S NIKKOR £1339.00 £19.64 P/m
16-35mm f4G ED VR AF-S NIKKOR £849.00 £12.45 P/m
16-85mm f3.5-5.6G ED VR AF-S DX £439.00 £7.73 P/m
17-55 mm f2.8G ED-IF AF-S DX Zoom ... £1049.00 £15.39 P/m
18-200mm f3.5-5.6 G ED VR II AF-S £589.00 £8.64 P/m
18-300mm f3.5-5.6 ED VR AF-S DX £669.00 £9.82 P/m
24-70mm f2.8G ED AF-S NIKKOR £1245.00 £18.27 P/m

28-300 mm f3.5-5.6G ED VR Nikkor £689.00 £10.10 P/m
24-120 mm f4G ED AF-S VR Nikkor £819.00 £12.16 P/m
55-300 mm f4.5-5.6G ED DX AF-S VR ... £289.00 EN/A P/m
70-200mm f2.8G ED VR II £1619.00 £23.76 P/m
70-300mm f4.5-5.6G AF-S VR Nikkor £439.00 £8.19 P/m
70-200mm f4G ED VR AF-S Nikkor £1049.00 £15.39 P/m
NEW 80-400mm f4.5-5.6G ED VR £2199.00 £91.63 P/m
200-400mm F4G ED VR II AF-S NIKKOR .. £4939.00 £72.47 P/m

Nikon Prime Lenses

Fixed focal length, The ultimate in image quality for your Nikon DSLR



10.5mm f2.8G ED DX Fisheye £559.00 £8.20 P/m
24mm f1.4G AF-S NIKKOR £1499.00 £21.99 P/m
35mm f1.4G AF-S £1349.00 £19.79 P/m
35mm f1.8G AF-S DXs £159.00 £2.00 P/m
AF-S 50mm f1.4G Lens £295.00 £3.93 P/m
50mm f1.8G AF-S NIKKOR £155.00 £2.06 P/m
85mm f1.8G AF-S NIKKOR £379.00 £7.78 P/m

85mm f1.4G AF-S Nikkor £1199.00 £17.59 P/m
200mm AF-S NIKKOR F2G ED VR II .. £4149.00 £60.87 P/m
300mm F/2.8G AF-S ED VR II Lens .. £4045.00 £59.35 P/m
400mm f2.8G ED VR AF-S NIKKOR .. £7159.00 £105.04 P/m
500mm f4G ED VR AF-S NIKKOR ... £5950.00 £87.30 P/m
600mm f4G ED VR AF-S NIKKOR .. £7189.00 £105.48 P/m

Nikon Macro Lenses

Get super close to your subject

Nikon Compact System



40mm f2.8G AF-S DX Micro NIKKOR £189.00 £2.52 P/m
60 mm f2.8D AF Micro-Nikkor £409.00 £8.40 P/m
60mm f2.8G ED AF-S Micro NIKKOR £409.00 £8.40 P/m
85mm f3.5G ED VR AF-S DX Micro £389.00 £7.99 P/m
105mm f/2.8G AF-S VR Micro-Nikkor £639.00 £9.37 P/m



NEW NIKON S1
Quick,
Intelligent
Clean,
minimal design

S1 11-27.5mm Kit - £479.00 £8.43 P/m
S1 Twin Lens Kit - £619.00 £9.08 P/m



NIKON V2
Interchangeable
Lens System

OFFER ENDS 04/09/13
V2 10-30mm Kit - £799.00 £11.73 P/m
V2 Twin Lens Kit - £969.00 £14.23 P/m

Nikon Teleconverters

Nikon Speedlight Flash



£319.00
£7.48 P/m



£319.00
£7.48 P/m



£389.00
£7.99 P/m



Nikon SB700 Speedlight
£239.00



Nikon SB910 Speedlight
£359.00 £7.37 P/m



Nikon SBR1 C1 Commander Close Up Speedlight
£579.00 £8.49 P/m





It is not planned in Europe

Canon launches second CSC, but not here, page 6

Man dies in quest for Snowdon sunset • Tribute to club man

AMATEUR'S FALL FROM SNOWDON WAS ACCIDENT

AN AMATEUR photographer died after a fall on Mount Snowdon in North Wales, where he had gone to take photographs, an inquest has heard.

Gerry Coyle, 65, a member of Dunchurch Photographic Society in Warwickshire, went missing on Mount Snowdon on 25 October 2012.

Gerry, pictured centre, reportedly fell 150ft from the Welsh mountain after trying to take photos of a sunset.

'He had gone out to do some photography,' Caernarfon Coroners Court confirmed to AP.

The court heard that Gerry died from a fractured skull and that his body was found in a gully, but not until 19 April 2013.

Coroner Nicola Jones recorded a verdict of accidental death.

The father of two held a Royal Photographic Society Distinction and was a key contributor to the club he joined five years before his tragic death, said Bob Mercer, a fellow member of Dunchurch Photographic Society.

Gerry had been at the end of a two-week tour of the UK. 'It was almost his last day,' Bob recalled.

'He came to me about a week before he

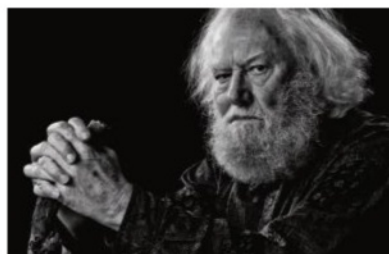


Gerry Coyle, pictured three years ago

set off... It wasn't a surprise to learn that he was going to hire a VW camper van and take a photographic tour up the east coast and then down the west coast of Britain.'

Bob added that Gerry had joined the Society in 2007 and that his photographic contributions to the club had developed 'significantly' over the years.

'He had some interesting ideas, including getting a group of us to perform in a ghostly



This image, entitled 'Dennis with Walking Stick', was among many examples of work Gerry showed fellow members of Dunchurch Photographic Society

manner under Chesterton Windmill on one practical evening.'

'Even before his recent retirement he would "put effort" into his photography.'

'An example was his "Panel of Prints" entry for an internal competition, which involved a reclining model tastefully spread out over five prints – it wasn't one image cut up, but five separately taken shots.'

At Gerry's funeral, which took place in May, his family asked that donations be made to the Llanberis Mountain Rescue team.

SNAP SHOTS

● A man who reportedly asked 17-year-old Georgia Williams to pose for a photographic assignment has admitted to her murder. The killer, Jamie Reynolds, is reported to have taken 'before and after' photos of the victim at his home in Shropshire in May 2013. Reynolds, 23, was described as a 'photographer' who was addicted to extreme pornography, according to a report in the *Times* newspaper. However, when contacted by AP, Stafford Crown Court declined to say whether or not Reynolds actually was a photographer. Reynolds, who is described in other press reports as a 'shop worker', was due to be sentenced as we went to press. He was remanded in custody pending psychiatric reports. Georgia Williams was the daughter of a police detective.

SIGMA ADMITS NIKON COMPATIBILITY GLITCH

INDEPENDENT lens maker Sigma has released new firmware in a bid to overcome a glitch when attaching Sigma lenses to a Nikon D5300 DSLR.

Commenting on the 'phenomenon', Sigma said in a statement: 'Without the latest firmware, the OS and live view autofocus functions do not work properly when... used with the Nikon D5300.'

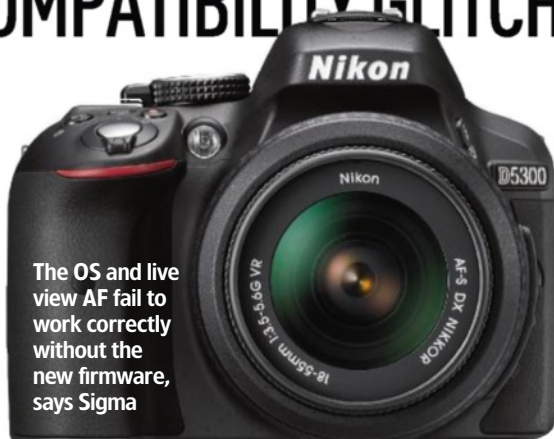
The problem affects Nikon-mount lenses with an internal motor, adds Sigma, which warns that the firmware update may not be possible with some discontinued products.

Sigma has released a free firmware update for owners of Nikon-mount Sigma lenses.

All new lenses will include the updated firmware, the company says.

Customers who need to have their lenses updated should call Sigma Imaging (UK) on 01707 329 999 or email service@sigma-imaging-uk.com.

● As we went to press, Sigma released separate firmware after a similar glitch affected Nikon Df users. For details, see next week's *News*



The OS and live view AF fail to work correctly without the new firmware, says Sigma



Do you have a story?

Contact Chris Cheesman
Tel: 0203 148 4129
Fax: 0203 148 8130
amateurphotographer@ipcmmedia.com

AP
THIS
WEEK
IN...

1896

A "Green" Christmas.

BY A. HORSLEY HINTON.

FIELD PHOTOGRAPHY IN WINTER.

WE want to arrest the attention of our readers whilst valuable days are flying, to awaken them from a period of hibernation, to arouse them from the winter lethargy into which too many landscape workers habitually sink so soon as the glow and glitter of October's sunshine is veiled with the misty airs of November, and the damp and chilly days of winter render the town thoroughfares loathsome and the countryside desolate.

It was our good fortune to spend Christmas this year in a comfortable old Essex farm-house, where Christmas was kept in the good old-fashioned style which one is wont to associate with the days of our great-grandparents, and now and again amidst the festivities of the week we wandered forth all across the bare and open country.

After Christmas 1895/1896 proved to be a green one, rather than white, AP Editor A Horsley Hinton was on a mission to inspire readers ahead of AP's upcoming 'Winter' themed competition. Amid a snowless winter he urged landscape photographers to take more advantage of 'phases which throughout the whole circle of the seasons never return'. He had spent Christmas in an Essex farmhouse, during which 'we wandered forth all across the bare and open country, and learnt many a lesson and brought away a suggestion or two for our readers, which perchance may be of use...' The Editor was determined to 'arouse [readers] from the winter lethargy into which too many landscape workers habitually sink so soon as the glow and glitter of October's sunshine is veiled with the misty airs of November, and the damp and chilly days of winter render the town thoroughfares loathsome and the countryside desolate'.



The EOS M2 boasts improved AF

Future UK launch of EOS M2 not ruled out

CANON DEBUTS SECOND CSC, BUT NOT IN EUROPE

CANON'S second CSC, the EOS M2, has emerged in Japan and China, but there are no current plans to launch it in the UK.

Promising greatly improved AF, the M2 is 8% smaller than its predecessor, the EOS M, according to a translation of a page on the official website of Canon Japan.

A future launch in the UK has not been ruled out, however.

A Canon UK spokesman told AP: 'Currently, it is not planned to [launch] the EOS M2 in Europe.'

He added: 'Distribution and demand will be constantly reviewed and the situation may change in the future.'

Canon UK declined to comment further.

According to specifications published overseas, the EOS M2 features a hybrid CMOS AF II sensor and the same 18-million-pixel, APS-C-format imaging sensor as the EOS M.

AP understands that Canon feels there is no market need over here as the EOS M is still proving popular with UK consumers.

PHOTOGRAPHER 'GOBSMACKED' AT BRISTOL WIN

A PHOTOGRAPHY enthusiast was 'absolutely gobsmacked' to hear he had won a 24-hour competition to find the best images of Bristol.

Andy Coffin, 59, beat almost 1,000 images to scoop a £3,000 prize that included an Olympus Pen E-PL5, for his shot of Temple Meads railway station (above right).

Entrants were given a one hour to capture the 'essence of life in the city'.

Andy, who works for BT, said: 'I was drawn to the station as I thought that would be one of the busiest places between 7am and 8am – the slot I was given to take the photograph.'

Mike Porter, director of contest organiser Art Ventures, said: 'This photograph truly sums up what the city is about – a great innovative 19th century Brunel building



situated in a beautifully positioned city, depicted with a lot of style and technical skill by a photographer who has taken the brief of capturing "the essence of Bristol" very seriously.'

Rich Perrin, a graphic designer from Hampshire, was runner-up, and gallery-owner Martin Urmson, from Wiltshire, came third.

Hundreds of photographers took part in the Twenty Four Hours in Bristol competition, which boasted £8,000 in prizes.

Run in association with AP, it was judged with the help of AP's studio manager Andrew Sydenham.

The judging panel also included Royal Photographic Society director general Michael Pritchard.

CLUBNEWS

Club news from around the country

DROITWICH SPA PHOTOGRAPHIC SOCIETY

The society says it has booked wildlife photographer Jamie Crawford, from BBC TV's *The One Show*, to give a talk on 14 March. Tickets cost £12. For details visit www.droitwichcamera.co.uk.

SNAP SHOTS

● Olympus has agreed to pay more than £37m to a shareholder who sued the firm for losses triggered by the share-price crash that followed the accounting cover-up. The settlement, to be paid to Japanese medical equipment provider Terumo Corporation, follows a 6.6 billion yen lawsuit.

● Benro has launched three new bags. The Ranger Pro Backpack is aimed at sports and nature photographers and is designed to hold up to two DSLRs. Cool Walker Messenger Bags are made to provide fast access to gear, while the largest of the new Smart Series Shoulder Bags should accommodate an SLR, three lenses and a flash. Prices start from around £35. Visit www.kenro.co.uk.

● Most UK smartphone users (55%) want a zoom lens on their mobile device, claims Samsung. The poll of 2,000 consumers found that more than a third have failed to capture the moment they wanted using their phone.

Get a free 30-day trial on iTunes

Fibre-based paper sales remain 'stable' ILFORD LAUNCHES NEW DARKROOM PAPERS

A FORMER assistant to Ansel Adams has trialled two new Ilford-branded black & white photo papers, the launches of which signal that traditional darkroom printing is still alive and kicking.

Ilford Multigrade FB Classic succeeds the popular Multigrade IV FB paper that first appeared almost 20 years ago.

Multigrade FB Classic is billed as an improved version of its predecessor – promising sharper images, 'better, richer blacks', and a halving in exposure times.

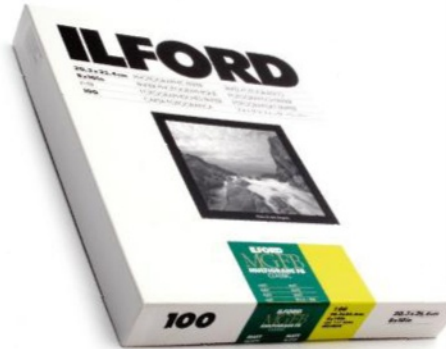
The Classic was also developed to better respond to traditional toning techniques, according to Harman technology, which makes the fibre-based products in Cheshire.

Multigrade FB Cooltone, meanwhile, is designed to deliver a cool image colour with 'crisp whites and well-separated -'.

On sale now, they will 'widen the printer's palette', said Harman's director of sales and marketing Steven Brierley.

There are no plans to change the formulation of Ilford Multigrade FB Warmtone paper, according to Brierley, who said sales of fibre-based papers have remained 'stable' over the past five years.

Alan Ross, a former assistant to famed



photographer Ansel Adams, has trialled the new Classic and Cooltone papers, telling Brierley afterwards: 'Both papers have a similar contrast range to the Multigrade IV FB and exhibit a greater clarity or crispness of image.'

The papers were created to deliver a complete range of print tones in 'one product family', added Harman.

Ilford Multigrade FB Classic will be available in matt and glossy versions, while Cooltone will be out in a gloss finish only.

The papers were expected to cost the same as Ilford Multigrade IV FB.

For details visit www.ilfordphoto.com.



© DAVID BLADON

LADYBIRD WINS LIVING PLANET CONTEST

A CLOSE-UP shot of a ladybird (above) has won a 'Living Planet' photography competition.

Photographer David Bladon triumphed in the contest, which was hosted by the Society of International Nature and Wildlife Photographers.

David, who lives in Newtownabbey, Northern Ireland, said he was shocked to hear he had won.

The image came about after a frustrating day of sunshine and rain showers, during which David admits he had become 'a bit bored' in his quest for a quality photo.

'Every time the sun broke through I'd search for insects and creatures that would make a decent macro shot,' he said.

'I actually have a series of these with the ladybird in different positions.'

'I used a small reflector to add in natural fill light...'

The image was described as 'bright, colourful and eye-catching' by The Societies, an organisation for professional photographers that oversaw the competition.

MAN MURDERED OVER 'HANGING BASKET' PHOTOS

AN INNOCENT man who was murdered after he was falsely accused of taking indecent images of children and branded a paedophile, had reportedly been photographing flowers outside his home.

Bijan Ebrahimi was beaten up and set on fire in Bristol in July after a neighbour told police he had taken pictures of children.

Lee James, 24, was jailed for life after he admitted to murdering Ebrahimi two days later following the circulation of false rumours he had been taking photos of children. Ebrahimi is believed to have been photographing flowers and hanging baskets to present as evidence of damage by vandals to the police and council.

Police arrested Ebrahimi, 44, on the mistaken suspicion he had committed a 'public-order offence', before releasing him. Avon and Somerset Police told AP: 'We can categorically state

he had not taken any indecent images and that nothing of concern had been found on his computer.'

OLYMPUS SET TO EXPAND SONY PARTS TIE-UP

OLYMPUS may expand its use of common camera parts with Sony to cut costs, the company's president Hiroyuki Sasa has confirmed.

Asked to respond to a report published in *The Japan Times*, a spokesperson for Olympus in Tokyo told AP: 'President Sasa said it is under consideration.'

The spokesperson added: 'So far, nothing definite has been decided on.'

The news came almost five months after Olympus said it was poised to supply lens parts to Sony as part of a £400 million tie-up announced in September 2012.

Sony already supplied imaging sensors to Olympus.

Last February, Sony Corporation became the largest shareholder in Olympus, gaining

nearly 35 million shares and 11.46% of overall voting rights.

Olympus had previously indicated that its alliance with Sony would see the two companies working together.

Olympus may soon extend its relationship with Sony





© GREG DU TOIT

SNAP SHOTS

● Monochrome wall art by AP contributor Andrew Sanderson is among the work of specially chosen professionals featured in the 'House of Ilford', a new service that allows the public to buy silver-gelatin prints. 'The aim is to enable a new audience to have access to stunning photographic art for their home,' said a spokesman. Images are printed onto resin-coated paper and a framing service is available. For full details, including prices, and to browse the online gallery, visit www.houseofilfordphoto.com.

● According to a recent UK survey, 70% of people rarely print and display their photos. The rise in smartphones and tablets suggest that people are using alternative ways to store and share photographs. The survey of 1,000 people was carried out by Stampin Up!, which recently released photobook software called My Digital Studio. The firm claims that 'there is a growing need to connect with something real and tangible'.

Wildlife Photographer of the Year WILDLIFE AWARDS SCORE HALF-CENTURY

THE WILDLIFE

Photographer of the Year competition is preparing to celebrate 50 years as its 2014 awards opens for entries.

Open to both amateur and professional photographers, the £50,000 contest last year pulled in 43,000 entries worldwide.

Judges say they are on the hunt for images that capture 'the beauty, mystery, fragility and diversity of life on our planet'.

Organisers add: 'They should interpret the familiar in new ways and give a voice to subjects, places and issues that may otherwise go unnoticed.'

For the first time, a new category called WILD-I invites 'budding citizen reporters' aged 17 years of age and under to

submit a 'photo story' using their mobile device.

The story should include six still images, up to 150 words of text and an optional 90sec video. Potential subjects could include conservation efforts or habitat destruction, for example.

The winner of this section will bag prizes including £750, but will not be eligible to win the Wildlife Photographer of the Year title.

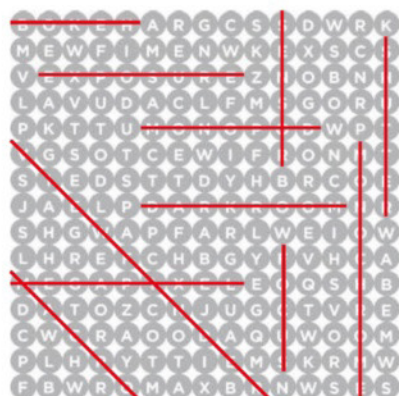
Last year, South African photographer Greg du Toit won the overall £10,000 prize.

The first Wildlife Photographer of the Year opened for entries in 1964.

For full details of this year's competition, visit www.wildlifephotographeroftheyear.com.

QUIZ AND WORDSEARCH ANSWERS

IF YOU tried our Christmas Quiz and Wordsearch in AP 21-28 December 2013, you'll be wanting to know the answers – and here they are.



Camera 1
Nikon Df
Camera 2
Ricoh GR
Camera 3
Leica M3
Camera 4
Olympus OM-D E-M5
Camera 5
Fujifilm FinePix X100
The Wordsearch answers are: bokeh; exposure; monopod; darkroom; megapixel; sensor; shutter; focus; monochrome; viewfinder; macro. See left for their positions on the Wordsearch grid.

In next week's AP On sale Tuesday 7 January

AP GUIDE



© LEE FROST

COMPOSITION

Lee Frost explains why, by keeping things simple, your images can be far more effective

ON TEST

NIKON AW1

The 1-series line-up has been extended with the **AW1**, a fully waterproof interchangeable-lens camera. We find out how tough it is



NELSON MANDELA

PHOTOGRAPHING MANDELA

Senior Magnum photographer **Ian Berry** talks about his time in South Africa and his experience of photographing Nelson Mandela

AP EXPLAINS

UNDERSTANDING COLOUR

Professor Bob Newman tackles the subject of colour and colour rendition

ON TEST

SIX OF THE BEST

We test six jackets that are perfect for the outdoor photographer



CONTENT FOR NEXT WEEK'S ISSUE MAY BE SUBJECT TO CHANGE

The moment in which a passion becomes
the love of your life.

This is the moment we work for.



// FASCINATION

MADE BY ZEISS



Touit 2.8/12 and Touit 1.8/32

Familiar but completely new. Now's the time to fall head over heels in love with your Sony NEX or Fujifilm X camera the second time around. Because, with our new Touit lenses, your camera will fascinate you time and time again – with pictures that go straight to the heart.

www.zeiss.com/touitfascination



We make it visible.

Dealer:

Bass and Bligh,

6 Beulah Street, Harrogate, North Yorkshire,
Phone +44(0)1423 538138, www.bassandbligh.com

Cambrian Photographic,

87-89 Abergate Road, Colwyn Bay, Wales,
Phone +44(0)1492 532510, www.cambrianphoto.co.uk

Camera World,

14 Wells Street, London,
Phone +44(0)2076 365005, www.cameraworld.co.uk

Camera Centre Cardiff Ltd.,

13-15 Morgan Arcade, Cardiff, South Wales,
Phone +44(0)2920 394182, www.cameracentreuk.com

Clifton Cameras,

28 Parsonage Street, Dursley, Gloucestershire,
Phone +44(0)1453 548128, www.cliftoncameras.co.uk

Carmarthen Cameras,

1 Parcmaen Street, Carmarthen, Carmarthenshire,
Phone +44(0)1267 222300, www.carmarthencameras.co.uk

Dale Photographic Ltd.,

60-92 The Balcony, The Merriam Centre, Leeds, West Yorkshire,
Phone +44(0)1132 454256, www.dalephotographic.co.uk

Ffordes Photographic Ltd,

The Kirk, Wester Balblair, By Beaully, Inverness-shire,
Phone +44(0)1463 783850, www.ffordes.com

Hire A Camera,

Unit 5, Wellbrook Farm, Berkely Road, Mayfield,
Phone +44(0)1435 873028, www.hireacamera.com

London Camera Exchange,

15 The Square, Winchester,
Phone +44(0)1962 866203, www.lcegroup.co.uk

London Camera Exchange,

8 Tunsgate, Guilford,
Phone +44(0)1483 504040, www.lcegroup.co.uk

Richard Caplan Photographic,

25 Bury Street, London,
Phone +44(0)2078 079990, www.richardcaplan.co.uk

Richard Caplan Photographic,

25 Bury Street, London,
Phone +44(0)2078 079990, www.richardcaplan.co.uk

The Classic Camera,

2 Pied Bull Yard, off Bury Place (near British Museum), London,
Phone +44(0)2078 310777, www.theclassiccamera.com

Park Cameras Ltd.,

York Road, Victoria Business Park, Burgess Hill, West Sussex,
Phone +44(0)1444 237070, www.parkcameras.com

Robert White Photographic Ltd,

Unit 3-4 Alder Hills Industrial Estate, 16 Alder Hills, Poole, Dorset,
Phone +44(0)1202 723046, www.robertwhite.co.uk

Warehouse Express Showroom,

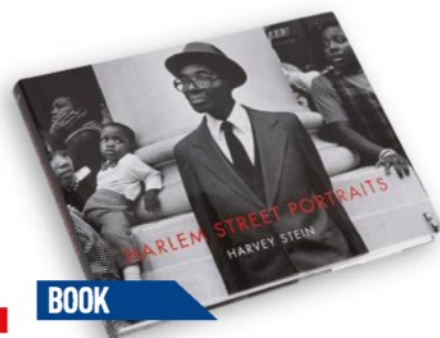
Unit B Frenbury Estate, Drayton High Road, Norwich,
Phone +44(0)1603 486413, www.warehouseexpress.com

Conn's Cameras,

54 Clarendon Street, Dublin, Southern Ireland,
Phone +353(0)16 777179, www.conncameras.ie

APReview

The latest photography books, exhibitions and websites. By Jon Stapley



BOOK

Harlem Street Portraits

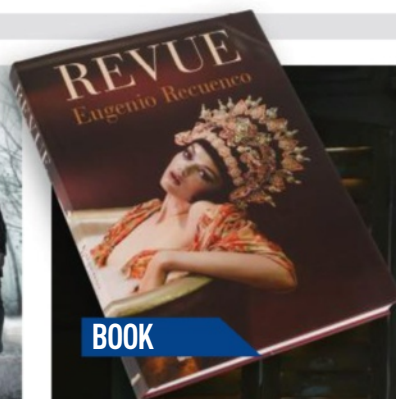
By Harvey Stein
Schiffer, £37.50, hardback, 192 pages,
ISBN 978-0-764-34487-9

BEGINNING in 1990 with the annual African American parade on Malcolm X Boulevard, photographer Harvey Stein spent 23 years photographing the streets of New York's Harlem, which has been the centre of African American life in the city for more than a century.

Stein's photography, shot on wideangle lenses, manages to celebrate the vibrancy and dynamism of Harlem despite being presented exclusively in monochrome. Most of the pictures are posed, with people of all ages standing for Stein's camera, some looking nervous, others clearly delighting in the attention. He really captures a feel for this neighbourhood and you get the sense that it's because he's clearly approaching these people rather than photographing them surreptitiously. This is a superb culmination of a worthy project.



© HARVEY STEIN



BOOK

Revue

By Eugenio Recuenco
TeNeues, £70, hardback, 300 pages,
ISBN 978-3-832-79728-7

ALTHOUGH Eugenio Recuenco has been a fashion photographer for a number of years (his work has appeared in various publications, including *Vogue*), *Revue* represents the first solo book of his images. It's a large, luxurious collection, the grandiose bulk of which suits Recuenco's larger-than-life style of photography.

Fashion photography is not exactly prized for its subtlety or restraint, and Recuenco

revels in the freedom this gives him to create ostentatious, absurd tableaux. Scenes are inspired by fairy tales, classic movies, murder scenes and, in one memorable case, a panoramic Greek frieze.

Recuenco borrows, lifts and changes pictures and iconography from any and all sources as he chooses, producing dizzying and dreamlike images. You can call it ridiculous, you can call it pompous, you can call it indulgent – and in all honesty you'd be right to do so – but it's making absolutely no apologies for what it is.



© 2013 EUGENIO RECUNCO

Burroughs, Lynch and Warhol

17 January-30 March. The Photographers' Gallery, 16-18 Ramillies Street, London W1F 7LW. Tel: 020 7087 9300. Website www.thephotographersgallery.org.uk. Open Mon-Sat 10am-6pm, Thu 10am-8pm, Sun 11.30am-6pm. Admission free

THE PHOTOGRAPHERS' Gallery is starting 2014 with a bang. Burroughs, Lynch and Warhol examines how photography informed and inspired three key figures of 20th century art and culture: William S Burroughs, a pivotal member of the Beat Generation and author of *Naked Lunch*; David Lynch, legendary surreal auteur filmmaker responsible for *Mulholland Drive*; and Andy Warhol, pioneer of pop art.

Burroughs displays a far-reaching photographic body of work, ranging wide in theme and style. Lynch presents a series of images of derelict factories depicting decay on an industrial scale. Warhol's section is the first presentation of his relatively little-known



EXHIBITION

photographic works and includes more than 50 black & white prints from his daily life.

A terrific coup of acquisition, the combination of these three disparate geniuses is inspired.

© ESTATE OF WILLIAM S. BURROUGHS

CONDENSED READING

A round-up of the latest photography books on the market



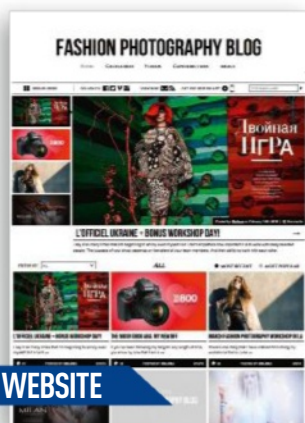
● **GERDA TARO: INVENTING ROBERT CAPA** by Jane Rogoyska, £35 Jane Rogoyska sets out to prevent Robert Capa's lover and partner Gerda Taro from becoming a 'historical footnote', and time will tell if she succeeds. Taro, herself a committed and talented photojournalist, was determined to escape the shadow of her famous partner, and it was in this endeavour that she was killed by a tank in 1937 at the age of just 26. Rogoyska does some good detective work and the result is an engaging, visually stimulating read.



● **PHOTOGRAPHER'S PUZZLE BOOK** by Marcus Weeks, £6.99 Test your brain and your memory with this fun pocket book of puzzles of a photographic nature. Marcus Weeks has compiled a good mix of challenges, from long logic puzzles to short bouts of wordplay. Not all of it is 100% photography-related, but it's good fun, and the fact that 150 puzzles have been crammed in means it will keep you going for a while (assuming you don't cave in and look up the answers).



● **THE BUSY GIRL'S GUIDE TO DIGITAL PHOTOGRAPHY** by Lorna Yabsley, £17.99 While I'm clearly not the target audience for this book (I'm not that busy), I found it enjoyable. It's a photography primer for the kind of person who says they'd like to learn to take photographs but has never found the time, aiming to get them up to speed on key concepts quickly. It doesn't quite live up to its promise to 'fast track you through the learning experience', since there's no way to skip around the need for huge amounts of practice, but it does offer a fun read with great pictures.



fashionphotographyblog.com

MAD ABOUT the arty, unique and often ludicrous world of fashion photography? Then this blog is an excellent use of your time. Interviews, galleries, lists and gear tips all combine to create a great resource that you can spend a lot of time reading. If you like fashion photography, it's a good read. If you aspire to have a career in that department, it's practically essential.

There's plenty of social network presence on Facebook, Twitter, Instagram and more, so by all means follow away. The Flash-heavy design can make navigating the site itself somewhat cumbersome, but otherwise it's a great resource.



© 2013 LORNA YABSLEY

amateur Photographer

The world's best-selling weekly photography magazine

NOW AVAILABLE TO DOWNLOAD!

Available on the App Store



Letters

Share your views and opinions with fellow AP readers every week

LETTER OF THE WEEK

Wins a great shockproof, waterproof and dustproof 5-Proof Technology 16GB Samsung SDHC Plus memory card offering up to 48MB/sec transfer speed.
www.samsung.com/memorycard



THANKS FOR THE INSPIRATION

I started learning photography in 2009. Thanks to the internet, I was able to learn the basics by myself, and in 2010 I began taking a short photography course about 'How to See'. After that course, my way of seeing the world changed. I began paying more attention to shapes, lines, textures and colours, and these now make up most of my photos.



Unfortunately, most people I know don't really understand what my photographs are. I always give constructive criticism and tips to others, but rarely show my own photographs because no one can give any comments about them. I even started thinking about abandoning my photographic style and pursuing a more popular genre, like macro or portraiture.

However, the article about Eric Forey back in AP 26 October 2013 really opened my eyes. It showed me that there are people, like you at AP, who do understand the beauty of shapes, lines and their interaction. In the end, I decided to continue with the genre that I like the most. Thank you, AP and Eric, for your inspiration.

Rendy Andrian, via email

Thanks, Rendy. As enthusiasts, we have the luxury of only needing to please ourselves, rather than other people. If others appreciate our efforts, then it's a bonus. To most people, photography is simply a memory-recording exercise. Few outside of the photographic or arts community are likely to be as visually educated as you, and so won't understand the point of your endeavours. But stick with it, and remember that you're in good company. I'm sure people scratched their heads at Edward Weston's work at the time, too – *Nigel Atherton, Group Editor*

Write to...

'Letters' at the usual AP address (see page 3) fax to 020 3148 8130 or email to amateur photographer f@ipcmedia.com and include your full postal address

NOTE: PRIZE APPLIES TO UK AND EU RESIDENTS ONLY

Earn £50 Backchat

Send your thoughts or views (about 500 words) to 'Backchat' at the usual AP address (see page 3). A fee of £50 will be paid on publication

OBSESSION WITH PIXELS?

In his hands-on preview of the new Nikon Df in AP 30 November 2013, Richard Sibley questions why the camera only has a 16-million-pixel sensor. Why is it that photographic magazines have such an obsession with more and more pixels/higher resolution? For practical purposes, most of us really don't need the 36-million-pixel sensor in the Nikon D800. Indeed, when the D800 was introduced, I actually bought a new 12-million-pixel Nikon D700 before they disappeared off the shelves. I would much rather have the better low-light (high ISO) performance offered by the perfectly adequate 16-million-pixel sensor than all those extra pixels. Besides, I don't want to have to buy even more memory cards and fill up my cupboards with all the extra computer hard drives I'll need to cater for mega-sized files. I am left wondering whether AP must have shares in the hard-drive industry.

John Bentley, Shropshire

I was not questioning the sensor of the Nikon Df purely on the basis of resolution, John. There are other factors that are taken into consideration, including cost, which seems to be one of the initial complaints about the Df. The 16-million-pixel sensor is only used in the Nikon D4, and while it is unsurpassed in terms of low-light and high-sensitivity performance, Sony's 24 or 36-million-pixel sensors could also have been used, and they would have probably been more affordable. Also, if you downsample a 36-million-pixel image from the D800 to 16 million pixels, noise is reduced and some of the advantages of the D4 sensor are lost. The dynamic range of the 36 and 24-million-pixel sensors is also perfectly acceptable for most photographers, and given that Nikon is encouraging people to use manual-focus lenses with the Df I would suggest that it will be used a lot for travel and landscape photography, where perhaps a higher resolution may be preferable to the high-sensitivity performance of the 16-million-pixel sensor.

Look out for a full test of the Nikon Df in AP 18 January – *Richard Sibley, technical editor*

OIL-SPLAT PROBLEM

In your Nikon D610 review (AP 7 December 2013), Phil Hall states that the 'oil-splat' issue on D600 sensors happens 'after 3,000 shots' when the research clearly shows the problem actually happens from day one, and has stopped completely by 2,000–2,500 frames, presumably because all the oil to splat has been splatted. He also says 'some' users when actually it seems to be a very small number of examples with the problem. I took a measured view and got a new one four months ago and it is absolutely fine and clean. I just want D600 owners to know that they shouldn't panic – it will not go

What The Duck



<http://www.whattheduck.net/>

SPORTY SLR

I took this picture in an Edinburgh side street and wonder whether the owner is a photography enthusiast. Nice set of wheels, anyway!

Douglas Thomson, Edinburgh



wrong after 3,000 frames.

Jonathan Pearson, Cheshire

When we tested the D600 (AP 13 October 2012), this issue didn't arise, but some users did experience oil splats appearing after a couple of thousand shots, which is perhaps the result of a build up of dust and oil. The intention of the test with the D610 was to see if this had been rectified. I'm glad to say it has. Enjoy your D600 – it's a lovely camera – Phil Hall, technique/features editor

**PHOTOGRAPHY IS FUN**

I just wanted to thank you for the latest *A collector's life for me* column, in AP 7 December 2013.

Reading Tony Kempen's account of working with an Action Man 110 camera, complete with trousers, was a wonderful reminder that even with the most unlikely of equipment photography is just plain fun.

Although I've never used this particular novelty camera, it did bring back memories of when my first thought was not apertures, shutter speeds, or even if there was enough light to get the picture in the first place. As Tony points out, the first pictures taken by a Christmas-gifted toy camera would most likely not have enough light to get a picture from, and my, what childhood memories I have of that!

It's easy to forget that photography is fun when one's get up and go has got up and gone. So many thanks and keep up the good work. **Atavar**

Tony's column made me laugh out loud, too – Nigel Atherton, Group Editor

ALBUMS FOR ARCHIVING

I take hundreds of photos every year covering all manner of subjects, including many of my family and the environment in which I live. Due to the pleasure we get from ancient leather-bound albums containing my late father's photographic efforts, which date back to 1913, my wife has diligently created our own collection dating back some 50 years. We have dozens of our own albums, which have given us endless pleasure.

However, there is one major problem. Where can you get proper, traditional photo albums these days, at affordable prices? I hate those things with acetate sleeves or

sticky pages with clear film overlays. I like a proper album that allows you to trim your prints, design page layouts and write in descriptive captions. Yes, I know it is a lot of work, but the finished product is so much more worthwhile, and anyway, my wife does a very good job. Internet searches reveal hugely elaborate and expensive wedding albums and portfolios, but I can rarely find the affordable traditional album any more.

A couple of years ago I bought an iPad for the sole purpose of displaying my photographs and they do look quite good on this device. However, as I remember Mick Bidewell saying in *Backchat* (AP 12 October 2013), it doesn't come close to viewing a proper quality print. I don't know why this is, but I have a very real fear that this is the future, and that albums are being confined to history. I know that as a 'senior citizen' I'm now way out of step with my old-fashioned methods, but I challenge anyone to come up with a more tangible way of archiving their photographs so that they will be instantly available for enjoyable viewing by anyone of any age or ability. After all, we read books and magazines, so why not photo albums? If there is anybody out there who knows a source of the type of album that I like, here's one old man who would be very happy to hear from you. **Bob Rowles, Somerset**

I suppose the modern equivalent, Bob, is the photo book, in which page layouts are created on the computer, or images are dropped into the pre-made templates, and the finished book is printed and bound to look just like something you'd buy in Waterstones. There are various styles available, including traditional leather, and you can even get books printed on photographic paper as well as fine-art textured papers, but they do require time spent on a computer to produce them. On the other hand, it saves having to print individual images and stick them all onto the pages of an album, and you can have multiple copies printed to sell or give as gifts. There are numerous websites offering this service, but Blurb (www.blurb.co.uk), CeWe (www.cewe-photobook.co.uk), Loxley Colour (www.loxleycolour.com) and Albelli (www.albelli.com) are some of the best – Nigel Atherton, Group Editor

BACK CHAT

AP reader Dan Kelso reflects on his wayward habits and his determination to change soon

IT'S THAT time of the year when families get together, eat too much, sleep too much and suffer the groans caused by Christmas cracker jokes. Like: 'Why can't Santa come down the chimney this year? Because he's not had his flue jab!' And, worse: 'What do you give someone who has everything? Antibiotics!'

On a more serious note: What do you give a photographer who has everything, to make him change? Or, to turn it around: What should a photographer with everything do to make 2014 better?

In my case, I'm determined, as a resolution, to sort out the post-picture situations I've been meaning to do but have left alone. First, I plan to back up everything quicker to my hard drive before I regret it. I know, people give warnings and you think it won't happen, and before you realise it something has gone wrong.

Next comes a definite need to create a decent filing system instead of having random files with oddball names scattered all over the place. I know where everything is, or where it should be, but my wife finds my filing pattern of putting family wedding pictures, for example, under anything but 'W' for weddings, a bit odd.

Sad to say, but I think my trusty desktop computer is coming close to its end in comparison to current operating specifications, so a New Year bargains search might well include some capital outlay to bring me forward ten years in terms of speed and performance. My software is not so much Windows as tinted shades.

Another pledge, if I can keep it, is to go deeper into Photoshop. The mind is willing but the flesh is weak – that is until now. A local college has advertised a six-week course for novices for a modest sum, so it could be back to being a student some decades after reality.

A recent *Amateur Photographer* online poll asked questions about attitudes towards photo books. This prospect is one area that really does appeal to me and might also bring more discipline to the way I tackle picture-making. A leading photo-book specialist is offering free software downloads so there's an incentive to try, although I suspect my computer might blow a gasket as there's little memory left. At least it's another reason to invest in a new one and to convince the Keeper of the Purse it will be worthwhile. I'll add it to my Christmas wish list in hope!

And lastly, I will do a kit audit and be ruthless, as much as I can, in saying goodbye to things beyond their better days. Quite what I might do with two film camera bodies and assorted accessories is open to suggestion as the part-exchange trading value probably won't cover the cost of a box of crackers. Oh, please – not back to those things again!

BRINGING
YOU ESSENTIAL
EXPERT ADVICE
EVERY WEEK

PHOTO INSIGHT



ANDERS HALD

Anders Hald is a highly sought-after family lifestyle and children's fashion photographer. His work has been featured in numerous magazines, catalogues, books and advertising campaigns. He has received numerous awards and commendations, and is considered one of the world's leading photographers of children.

Children's fashion and family lifestyle photographer Anders Hald offers advice on how to direct children and looks back at an image from 2009

I HAVE been involved with children's fashion and advertising photography for around 12 years. At the beginning of my career I was shooting a lot of family lifestyle imagery, but as time went on, at the suggestion of my agent, I gravitated more towards photographing children's fashion. I put together a portfolio of images and took it to show *Junior* magazine, which is based in London. Right away, they gave me some work and everything fell into place. It's now my speciality, and I understand the key differences between shooting adults and shooting kids.

The first thing to remember when photographing children is to always plan ahead. If I'm shooting an advertising job, what's important is that the client specifies exactly what it is they expect from the images. As a photographer, you must understand what it is you want to achieve and then carefully plan it step by step. That includes the location, lighting and camera angles. These must all be ready before the child is even on the set. Obviously, kids need to have fun with what they're doing, and it should go without saying that they don't have a lot of patience. You need to keep the atmosphere a little spontaneous, but you can only do that once all the technical elements are in place.

Something else to understand is that different age groups require different treatments. Shooting babies is a very different experience from shooting four-year-olds. The older the child, the longer you can work as they have more stamina. If I'm working with an eight-month-old baby, I can expect around 15 minutes of working time. That's why everything must be ready because time is limited. With a child of ten, you can get around an hour's working time, a 12-year-old two hours and so on.

With that in mind, the central rule for me is that the child must always have a good experience on set. Even if I can see that the child really doesn't want to be there, it's my job to at least ensure they are comfortable. I'll always tell them they did a great job so they go away feeling great.

The picture here is from 2009. While this image is a little gem, it was born from a bit of a disaster. I was contacted by a Danish publishing house that wanted to produce a new children's fashion magazine. They knew that I'd done a lot of work with *Junior* magazine in the UK, so they called and asked me to do something similar for them.

I agreed, but what I didn't know at the time was that the Danish magazine essentially wanted to copy the UK magazine, even down to the name – they actually called the publication *Junior*.

The Danish magazine told me I had complete creative control, so after a bit of research my crew and I found an amazing old manor house about an hour outside of Copenhagen. The place had, in part, been redecorated. I thought the ground floor was done in pretty bad taste, but the first floor had been left alone – it was stuck in the 1940s.

On the day of the shoot I turned up with my crew and a brief that stated we were to shoot ten pages and three covers. The magazine then, to my astonishment, turned up with just two models. They obviously expected to use two models across 13 pages. I couldn't believe it.

There is no artificial light in this shot – it's all window light. There's a slight bounce from a white reflector in front of the girl just to reveal a little more detail in the face. It was a very simple shot to produce. This was taken back when I was using Canon equipment, specifically a Canon EOS-1Ds Mark II as I had just moved to digital equipment. I used a 50mm f/2.2 lens as I like the perspective and shallow depth of field of that lens. It also gives me the right amount of distance between me and the child, so I can talk to them in a normal voice but I'm not so close that I'm intimidating them.

Somehow, through all of this, the kids performed brilliantly. In the end, I selected 15 pictures and sent them off to the magazine. Eventually the magazine came out and for some reason they had pasted thought bubbles into the images. There were things like, 'I wonder what I'll get for Christmas?' I refused to work with the magazine again and they folded soon after.

Despite my experience with the magazine, I thought the images were really strong. I started submitting them for competitions and was pretty successful.

This image won first place in the Outstanding Achievement category at the Masters Cup, an international award honouring colour photography. The same image also received a special mention at Prix de la Photographie. So, for all the agony I endured on set, I guess the kids and I came out of it looking pretty good. **AP**

To see more of Anders' work visit www.andershald.com

**Anders Hald
was talking to
Oliver Atwell**

© ANDERS HALD





Grays of Westminster®

Exclusively... **Nikon**



Nikon D4

Nikon: ENTER THE NEW GOLDEN AGE

BUY A NEW **Nikon D4** CAMERA

and get an enhanced part-exchange offer of up to £500 off your Nikon or Canon DSLR.



For a limited period, we are able to offer an enhanced part-exchange rate of up to £500 on your on your Nikon or Canon DSLR Nikon camera equipment when buying a new Nikon D4.

Telephone no. 020 7828 4925
for full details

0% OR LOW INTEREST FINANCE

No deposit Required
020-7828 4925
For full details



NIKON DIGITAL CAMERAS

Nikon D4 SLR body.....	£4,199.00
Nikon D4 + AF-S 14-24mm f/2.8G IF-ED Kit.....	£5,475.00
Nikon D4 + AF-S 24-70mm f/2.8G IF-ED Kit.....	£5,399.00
Nikon D4 + AF-S 14-24mm & 24-70mm f/2.8G Kit.....	£6,699.00
Nikon D800 DSLR body.....	£1,949.00
Nikon D800 + MB-D12 Grip Kit.....	£2,230.00
Nikon D800 + AF-S 14-24mm f/2.8G ED Nikkor.....	£3,255.00
Nikon D800 + AF-S 24-70mm f/2.8G ED Nikkor.....	£3,180.00
Nikon D800 + AF-S 14-24mm f/2.8G & AF-S 24-70mm f/2.8G ED Nikkor Kit.....	£4,485.00

Nikon D800E DSLR body.....	£2,349.00
Nikon D800E + MB-D12 Grip Kit.....	£2,630.00
Nikon D800E + AF-S 14-24mm f/2.8G ED Nikkor.....	£3,649.00
Nikon D800E + AF-S 24-70mm f/2.8G ED Nikkor.....	£3,575.00
Nikon D800E + AF-S 14-24mm f/2.8G & AF-S 24-70mm f/2.8G ED Nikkor Kit.....	£4,875.00

Nikon MB-D12 Grip for D800E/D800.....	£285.00
Nikon Df + AF-S 50mm f/1.8G Special Edition.....	£2,749.00
Nikon D610 DSLR body.....	£1,449.00
Nikon D610 + MB-D14 Grip Kit.....	£1,635.00
Nikon D610 + AF-S 24-85mm f/3.5-5.6G ED VR Nikkor.....	£1,865.00
MB-D14 Grip for D610.....	£195.00

Nikon D7100 SLR body.....	£839.00
Nikon D7100 + MB-D15 Grip Kit.....	£1,059.00
Nikon D7100 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£995.00
Nikon D7100 + 18-140mm f/3.5-5.6G VR DX IF-ED Kit.....	£1,299.00
Nikon D7000 SLR body.....	£579.00
Nikon D7000 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£719.00
Nikon D7000 + 18-200mm f/3.5-5.6G VR II DX IF-ED Kit.....	£1,159.00
Nikon D7000 + MB-D11 Kit.....	£789.00

Nikon D90 SLR body.....	£419.00
Nikon D90 + 18-105mm f/3.5-5.6G VR DX IF-ED Kit.....	£549.00
Nikon D5300 SLR body.....	£645.00
Nikon D5300 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£715.00
Nikon D5300 + AF-S 18-140mm f/3.5-5.6G VR DX Kit.....	£999.00
Nikon D3200 SLR body.....	£319.00
Nikon D3200 + 18-55mm f/3.5-5.6G VR DX Kit.....	£379.00
Nikon D5200 SLR body.....	£499.00
Nikon D5200 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£575.00
Nikon D5100 SLR body.....	£345.00
Nikon D5100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£415.00
Nikon D3200 SLR body.....	£339.00
Nikon D3200 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£379.00
Nikon D3100 SLR body.....	£259.00
Nikon D3100 + AF-S 18-55mm f/3.5-5.6G VR DX Kit.....	£299.00

NIKON 1 SYSTEM

Nikon 1 V2 10-30mm Kit.....	£659.00
Nikon 1 V2 10-30mm & 30-110mm Twin Kit.....	£799.00
Nikon 1 S1 11-27.5mm Kit.....	£475.00
Nikon 1 S1 11-27.5mm & 30-110mm Kit.....	£595.00
Nikon 1 AW1 + 11-27.5mm f/3.5-5.6.....	£749.00
Nikon 1 AW1 + 11-27.5mm f/3.5-5.6 & 10mm f/2.8.....	£949.00
Nikkor VR 6.7-13mm f/3.5-5.6.....	£425.00
Nikkor VR 11-27.5mm f/3.5-5.6.....	£169.00
Nikkor VR 10-30mm f/3.5-5.6.....	£145.00
Nikkor VR 30-110mm f/3.5-5.6.....	£179.00
Nikkor 10mm f/2.8.....	£179.00
1 Nikkor AW 10mm f/2.8.....	£299.00
Nikkor 18.5mm f/1.8.....	£179.00
Nikkor VR 10-100mm f/4.5-5.6 PD-Zoom.....	£545.00
Nikon SB-N7 Speedlight.....	£139.00
Nikon GP-N100 GPS Unit.....	£99.00
Mount adapter FT1.....	£199.00

NIKON COOLPIX

Nikon Coolpix A.....	£849.00
Nikon Coolpix P7800.....	£499.00

AF-S & AF DX NIKKOR LENSES

10.5mm f/2.8G AF DX ED Fisheye.....	£545.00
AF-S 35mm f/1.8G DX.....	£150.00
AF-S 10-24mm f/3.5-4.5G IF-ED DX.....	£639.00
AF-S 12-24mm f/4G IF-ED DX.....	£829.00
AF-S 16-85mm f/3.5-5.6G ED VR DX.....	£439.00
AF-S 17-55mm f/2.8G DX IF-ED.....	£1,049.00
AF-S 18-55mm f/3.5-5.6G VR ED DX.....	£145.00
AF-S 18-105mm f/3.5-5.6G VR DX IF-ED.....	£225.00
AF-S 18-140mm f/3.5-5.6G VR DX ED.....	£475.00
AF-S 18-200mm f/3.5-5.6G VR II DX IF-ED.....	£585.00
AF-S 18-300mm f/3.5-5.6G ED VR DX.....	£675.00
AF-S 55-200mm f/4.5-5.6G VR DX IF-ED.....	£245.00
AF-S 55-300mm f/4.5-5.6G DX VR.....	£279.00

AF FX NIKKOR LENSES

14mm f/2.8D AF ED.....	£1,219.00
16mm f/2.8D AF Fisheye.....	£819.00
20mm f/2.8D AF.....	£465.00

24mm f/2.8D AF.....	£369.00
28mm f/2.8D AF.....	£245.00
35mm f/2D AF.....	£255.00
50mm f/1.4D AF.....	£109.00
50mm f/1.4D AF.....	£235.00
85mm f/1.8D AF.....	£299.00
85mm f/1.4D AF IF.....	£949.00
105mm f/2D AF-DC.....	£799.00
135mm f/2D AF-DC.....	£1,025.00
180mm f/2.8D AF IF-ED.....	£695.00

AF-S FX SILENT WAVE NIKKOR LENSES

AF-S 24mm f/1.4G ED.....	£1,469.00
AF-S 28mm f/1.8G.....	£499.00
AF-S 35mm f/1.4G.....	£1,299.00
AF-S 50mm f/1.4G IF.....	£275.00
AF-S 50mm f/1.8G IF.....	£155.00
AF-S 85mm f/1.8G.....	£379.00
AF-S 85mm f/1.4G.....	£1,179.00
AF-S 14-24mm f/2.8G IF-ED.....	£1,310.00
AF-S 16-35mm f/4G ED VR.....	£829.00
AF-S 17-35mm f/2.8D IF-ED.....	£1,495.00
AF-S 18-35mm f/3.5-4.5G.....	£569.00
AF-S 24-70mm f/2.8G IF-ED.....	£1,235.00
AF-S 24-85mm f/3.5-4.5G ED VR.....	£419.00
AF-S 24-120mm f/4G ED VR.....	£799.00
AF-S 28-300mm f/3.5-5.6G ED VR.....	£649.00
AF-S 70-200mm f/2.8G VR II IF-ED.....	£1,599.00
AF-S 70-200mm f/4G VR IF-ED.....	£949.00
AF-S 70-300mm f/4.5-5.6G VR IF-ED.....	£385.00
AF-S 80-400mm f/4.5-5.6G VR ED.....	£1,899.00
AF-S 200-400mm f/4G VR II IF-ED.....	£4,879.00
AF-S 200mm f/2G VR II IF-ED.....	£4,099.00
AF-S 300mm f/4D IF-ED.....	£1,029.00
AF-S 300mm f/2.8G VR II IF-ED.....	£4,039.00
AF-S 400mm f/2.8G VR IF-ED.....	£6,595.00
AF-S 500mm f/4G VR IF-ED.....	£5,845.00
AF-S 600mm f/4G VR IF-ED.....	£7,050.00
AF-S 800mm f/5.6E VR FL ED (inc. TC800-1.25E ED teleconverter).....	£15,599.00
TC-14E II 1.4x teleconverter.....	£315.00
TC-17E II 1.7x teleconverter.....	£315.00
TC-20E II 2x teleconverter.....	£389.00

AF FX ZOOM-NIKKOR LENSES

24-85mm f/2.8-4D AF IF.....	£545.00
-----------------------------	---------

AF & AF-S MICRO-NIKKOR LENSES

AF-S 40mm f/2.8G DX Micro.....	£189.00
60mm f/2.8D Micro.....	£365.00
AF-S 60mm f/2.8G ED Micro.....	£399.00
AF-S 85mm f/3.5G VR DX IF-ED Micro.....	£375.00
AF-S 105mm f/2.8G AF-S VR Micro IF-ED.....	£609.00
200mm f/4D AF Micro IF-ED.....	£1,245.00

NIKON SPEEDLIGHTS

SB-910 Speedlight.....	£335.00
SB-700 Speedlight.....	£229.00
SB-400 Speedlight.....	£119.00
SB-R1C1 Close-Up Commander Kit.....	£559.00
SB-R1 Close-Up Remote Kit.....	£399.00
SU-800 Wireless Speedlight Commander.....	£269.00
SB-R200 Wireless Remote Speedlight.....	£159.00

MANUAL FOCUS NIKKOR AIS LENSES

20mm f/2.8 Nikkor.....	£901.00
24mm f/2.8 Nikkor.....	£608.00
28mm f/2.8 Nikkor.....	£615.00
35mm f/1.4 Nikkor.....	£1,227.00
45mm f/2.8P Nikkor, chrome.....	£325.00
50mm f/1.4 Nikkor.....	£597.00
50mm f/1.2 Nikkor.....	£743.00
180mm f/2.8 ED Nikkor.....	£799.00

ZOOM-NIKKOR MANUAL AIS LENSES

28-85mm f/3.5-4.5 Zoom-Nikkor.....	£599.00
------------------------------------	---------

SPECIAL PURPOSE: PERSPECTIVE CONTROL AND MICRO-NIKKOR LENSES

24mm f/3.5D PC-E ED Nikkor.....	£1,455.00
28mm f/3.5 PC Nikkor.....	£1,195.00
45mm f/2.8D ED PC-E Nikkor.....	£1,395.00
55mm f/2.8 Micro-Nikkor.....	£541.00
85mm f/2.8D ED PC-E Nikkor.....	£1,325.00
105mm f/2.8 Micro-Nikkor.....	£1,047.00
200mm f/4 Micro-Nikkor.....	£895.00
PC: Perspective Control. PC-E: Tilt/Shift-Perspective Control	

Prices include 20% VAT. Prices Subject to Change. E.&O.E.

TO ORDER TELEPHONE 020-7828 4925



PROBABLY THE WIDEST RANGE
OF NEW & SECOND-HAND
Nikon IN THE WORLD

 **020-7828 4925**

EST. 1985 – THE KIND OF SERVICE OF WHICH LEGENDS ARE MADE

SPECIALISING IN THE EXCEPTIONAL

NIKON S RANGEFINDER CAMERA ON VINTAGE NIKON DISPLAY STAND. CIRCA 1953/54

The Vintage Department at Grays of Westminster seeks out only the very best mint or near-mint examples of Nikon Rangefinder cameras, lenses, accessories and ephemera for our customers. If you have Nikon equipment like this or indeed any Nikon equipment to dispose of, then kindly contact us by telephone on 020 7828 4925 or if you prefer you can email us at info@graysofwestminster.co.uk for our highest offer.

finest precise miniature camera

NIKON

with world famous **NIKKOR** lens

Kamel



Nippon Kogaku K.K.



TO ORDER TELEPHONE
020-7828 4925

PANORAMIC PHOTOMERGE



MARTIN EVENING

Martin Evening is a London-based advertising photographer and noted expert in both photography and digital imaging. As a successful photographer, Martin is well known in London for his fashion and beauty work, for which he has won several awards. In 2008, he was inducted into the NAPP Photoshop Hall of Fame.

Martin has worked with the Adobe Photoshop and Adobe Lightroom engineering teams over many years and is one of the founding members of Pixel Genius, a software design company producing automated production and creative plug-ins for Photoshop.

His recent books include *The Adobe Photoshop Lightroom 4 Book*, *Adobe Photoshop CS6 for Photographers*, as well as the *Adobe Photoshop for Photographers: The Ultimate Workshop* series, which he co-wrote with Jeff Schewe.



Martin Evening's

Retoucher's Guide

Martin Evening shows how to create a panoramic image using Photomerge

THE PHOTOMERGE feature in Photoshop has evolved over the years to provide high-quality image stitches. The key to getting good results using the technique described here is to shoot with at least a 25% overlap between each exposure. When using wideangle lenses, an even bigger overlap will be necessary. If possible, it is a good idea to shoot using the same exposure setting for all the exposures. However, with some subjects it may be necessary to compensate for exposure differences between the

ground and the sky. It is best to not have the exposure vary too much between exposures, though, as this may make it tricky to get the auto-blend step to work successfully.

One of the hardest things when using Photomerge is to predict what the outcome will be, in terms of the composite image shape. This depends mainly on which projection method you choose. In many cases, the Auto option will be best, but as I mention here, with elongated panorama photomerges I

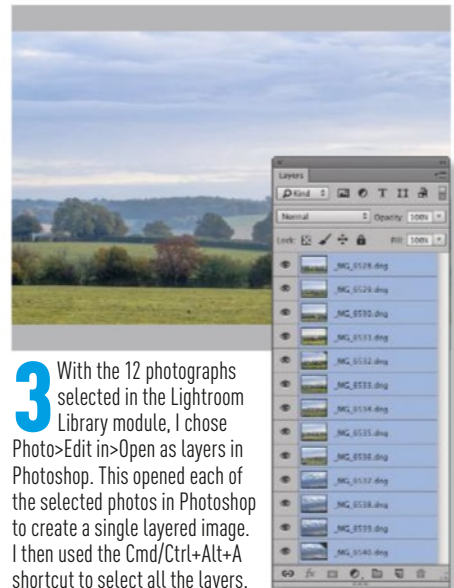
recommend you select the Cylindrical projection method because this will ensure that the horizon line remains straight. Even so, there are still likely to be some gaps in the resulting panorama. In the old days there wasn't much you could do except crop to remove the transparent areas. Now, with the ability to fill using the content-aware mode in the Fill dialogue, it is possible to get Photoshop to auto-fill these areas convincingly by letting the software auto-sample from the composite image.



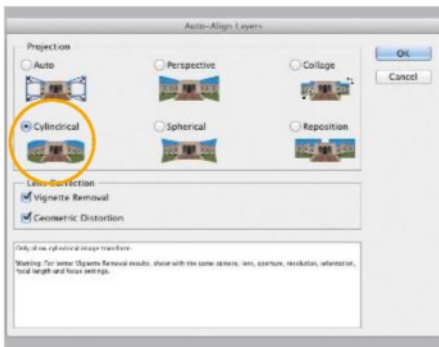
1 This shows a single-image view taken from a series of panorama stitch shots. I applied some Basic panel adjustments in Lightroom to correct the tone and colour in this first image.



2 I shot 12 exposures in total: four photos from left to right centred on the horizon; four to include more of the field; and four to include more of the sky. I then synchronised the settings I applied in step 1 to all the images.



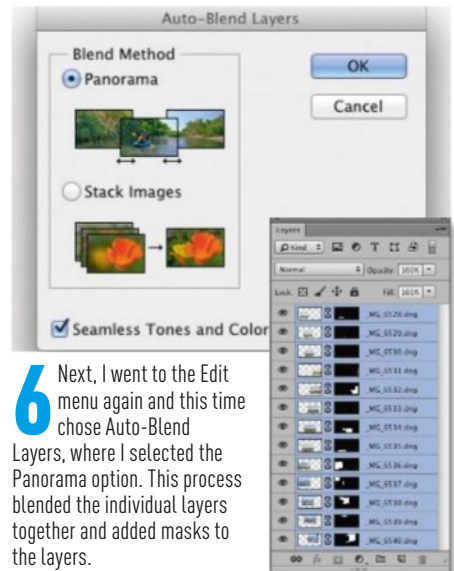
3 With the 12 photographs selected in the Lightroom Library module, I chose Photo>Edit in>Open as layers in Photoshop. This opened each of the selected photos in Photoshop to create a single layered image. I then used the Cmd/Ctrl+Alt+A shortcut to select all the layers.



4 In Photoshop, I then went to the Edit menu and chose Auto-Align Layers. This opened the dialogue shown here. Very often the Auto option is the best one to choose, but because I was Photomerging a wide panorama I selected the Cylindrical projection method.



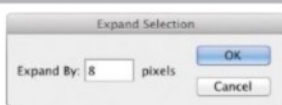
5 Here you can see the outcome of the auto-align processing. The horizon line was kept nice and straight, and all the layers had merged together successfully.



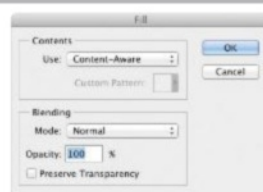
6 Next, I went to the Edit menu again and this time chose Auto-Blend Layers, where I selected the Panorama option. This process blended the individual layers together and added masks to the layers.



7 Here you can see how the panorama looked after blending the layers and merging them into a single Background layer. I now needed to erase the overhanging roof section. After doing this, I selected the Magic Wand tool, clicked to select the transparent areas, and chose Select>Modify>Expand, entering a value of 8 pixels.



8 At this stage, the modified selection encroached slightly on the panorama image. I then went to the Edit menu and chose Fill, selected the Content-Aware mode and clicked OK.



9 Here you can see the final image in which the content-aware fill had filled in the transparent areas, auto-sampling from the pixels in the panorama image to create a convincing fill in the sky area.



'Still Standing'

Nikon D7000,
70-300mm,
1/1000sec
at f/7.1, ISO 100

Lighting up the land

Mikko Lagerstedt creates his wonderful atmospheric landscapes with just his Nikon D800 and Lightroom. He lets **Debbi Allen** in on the secrets of his art

AT FIRST glance, you could be forgiven for thinking that Mikko Lagerstedt's images look more like the result of Photoshop than a skilled photographer's work. However, as well as knowing how to make the most

of today's digital world, Mikko is a very talented photographer.

While Mikko admits to using Lightroom, and occasionally Photoshop, he is a keen advocate of trying to find the right location

first. The atmosphere, he says, comes from being in the right place at the right time. 'The thing I search for is the right conditions,' says Mikko. 'I try to go out when there is fog and at night. I like dim light sources, and when there is fog even the street lights become these big light sources with diffusers. I also prefer to take my photographs about 30mins after the sun has set, as this is when you get that beautiful blue light.'





PERFECT WORKFLOW



Describing himself as a fine-art photographer, Mikko's penchant for people-free vistas is perfectly suited to living in Kerava, Finland. 'I love to create visually and emotionally interesting photographs, and my goal is to capture the feeling I had when I took the photograph,' he says. 'I love to view the world from different perspectives.'

Travelling around Finland to discover the setting for his next composition, Mikko prefers to rely on available light rather than hauling lots of gear around with him. 'I have used my car headlights a couple of times to create these huge spotlights,' he says. 'However, I don't use flashes.'

Starting his photographic journey online, Mikko makes use of Google Maps to view potential locations before driving out for a dry run. 'At other times I just go out and drive around to see if I find some scenery or a landscape that appeals to me that contains elements I find interesting,' he adds.

Once he has found his landscape, Mikko readies his Nikon D800 with Nikon 16-35mm f/4 lens for wideangle landscape photos with a Sirui R-4203L tripod and Sirui K-40X ball head. 'I also use a Samyang 14mm f/2.8 ultra wideangle lens for night photographs,' he says. 'I tend to use a remote control to get the sharpest possible images.'

Because Mikko prefers to work in low light, he needs to use camera settings that will help capture all the colours that he sees. 'I'm somehow drawn to darkness and low-light situations,' Mikko says. 'It all depends on the light. If I take night photos that include stars, I use a wideangle lens with a wide aperture and ISO settings as high as ISO 6400, with an exposure time of around 30secs.'

To make sure his colours are as faithful as he can, Mikko sets the white balance in-camera to a blue tone to emphasise the mood. 'I also use Photoshop and Lightroom for colour work, such as split toning,' he

Top left:
'Endless Night'
Nikon D7000,
10-20mm, 30secs
at f/14, ISO 100

Above left:
'Stranger'
Nikon D90,
10-20mm, 30secs
at f/5.6, ISO 100

Top right:
'The Crow'
Nikon D7000,
17-70mm, 13secs
at f/3.5, ISO 100

Above right:
'Moody Water'
Nikon D90, 70-
300mm, 1/20sec
at f/5.6, ISO 400

explains. 'I tend to add yellows to highlights and blues to shadows.'

DIGITAL DARKROOM

With most of Mikko's images possessing a similar dreamlike and fantastical quality, it would be easy to assume that this was a stylistic choice, but, in fact, it happens more by chance. 'I think it comes from my vision and the way I process my photos,' Mikko says. 'It is certainly something that has happened by chance. I try to get the feeling of the moment I experienced when I took the photograph. It's one of the most important things in my photography.'

Mikko's typical post-production workflow includes importing his images into Lightroom and making Basic adjustments such as Exposure, Contrast, Clarity and Saturation.

'After I'm satisfied with how the photo looks, I then play with the white balance and split toning if I find the image needs something more,' he explains. 'I also make local adjustments with Lightroom's Radial



Filter and Gradual Filter. It's great way to add interest points in the photograph.'

From here, if Mikko feels that his image needs more colour work, he'll also use the Curves Adjustments Layer in Photoshop. 'I also delete certain spots I find distracting,' he says. 'For that, I use the Clone Stamp tool and Spot Healing Brush. After the final adjustments, I save the image as a TIFF file and open it up again in Lightroom and export it to the web.'

Learning his photographic and digital darkroom skills from the internet and in books, Mikko has evolved his style through a self-taught trial-and-error method. 'I was always interested in photography, but never had the time to buy a "real" camera until I finally decided to get one in December 2009,' says Mikko. 'One of the greatest inspirations to start photography was when I was driving to a relative's cabin one summer evening. It had been raining the whole day and just as the sun was setting the clouds started to



ALL IMAGES © MIKKO LAHTI EDIT



Above: 'Mist and noctilucent clouds'
Nikon D90,
10-20mm, 25secs
at f/10, ISO 100



Left: 'Dark Road'
Nikon D90, 70mm,
1/80sec at f/10,
ISO 100

disappear. I stopped when I saw the fog in a field and the sunshine came through the forest behind it. It was a magical sight, and then I realised that those moments are something I wanted to start to capture.'

Finding inspiration from the films of Quentin Tarantino and Christopher Nolan, Mikko describes his favourite movies as those that are dark and moody. 'They take me to another world and truly inspire me,' he says. This is something Mikko tries to emulate in his own art. In terms of his favourite photographers, Mikko cites Brooke Shaden and Martin Stranka. 'I also enjoy the work of Lee Jeffries,' he adds.

TOP TIPS

As well as sharing tips on how he creates his images on his website (see the blog tab

on Mikko's site), he is also happy to share tips with us in his interview. 'Find your vision,' says Mikko. 'It's something you have to work on. My path was just to take photos until I found what kind of images really talked to me the most. After that, you can go out with a vision in mind rather than just shoot around pointlessly.'

By finding his own vision, Mikko has managed to create a portfolio of beautiful and atmospheric images that have captured the imagination of others. Capturing moments in time and idyllic landscapes that have 'collided' to create the perfect composition is about timing, experimentation and perseverance. So, the next time you find a location you like, why not take a leaf out of Mikko's book and visit it after the sun has set and try to create your own dreamlike lands? **AP**

MIKKO'S TOP TIPS

Photograph stars and the night sky

Location scouting: Take a drive or go to Google Maps. Search for a location that would work well in a low-light situation. This means that it should be somewhere that has low light pollution. Try to find a place that is at least a few miles from a small town or 10-20 miles from a city.

Weather forecast: Check for cloud, fog or things to add interest. Use at least couple of different weather-forecast sites to look at the possibilities of a clear sky.

Timing: Plan the trip for the darkest moments of the night. This is how you will get the most out of the stars. Planning a trip when the moon won't be at its brightest is very important if you want to capture stars.

Equipment and settings: Always use a tripod, shoot raw files and focus to infinity. Try to use 30sec exposures to ensure the stars are sharp.

Experiment: Try different things at a location. If you have found a place you think fits the purpose of taking pictures of stars, try different exposures and perspectives. Don't just settle on one spot – try to search around if you see something interesting to include in the frame.

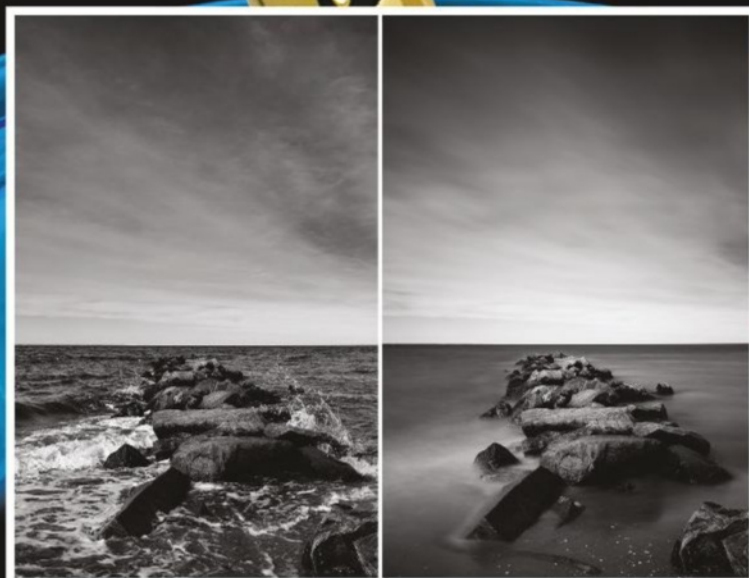
To see more of Mikko's work, visit his website at www.mikkolagerstedt.com



Recipient of the
64th Annual Technology and
Engineering Emmy Award
For Tiffen Optical Filters

TIFFEN VARIABLE NEUTRAL DENSITY FILTER

- Available in sizes 52mm to 82mm
- 2 to 8 stops of light control
- Thin profile ring - 9mm
- Made in the USA



TIFFEN 77MM VARIABLE NEUTRAL DENSITY FILTER



www.calumetphoto.co.uk



www.cameraworld.co.uk



www.carmarthencameras.co.uk



www.digitaldepot.co.uk



www.wexphotographic.com

AP publishes more reader photographs than any other photography magazine

ReaderSpotlight



Sam Burton

London

When Sam was 12 years old, he and a friend set up a darkroom in a garden shed and from there a love for photography was born. Sam enjoys landscape and street photography. 'I love getting up early to catch the best light and see people begin their daily lives,' he says. As Sam lives in London, he feels he always has more places that he can explore, and in the future he is looking forward to getting back into film photography after acquiring some old 35mm cameras. To see more of his images, visit www.samburtonphoto.com.



IF YOUR PICTURES
ARE FEATURED
YOU'LL RECEIVE...

£50

PLUS...



The winner of the **Editor's Choice** picture of the week will receive a HelloCanvas 16x24in canvas print (including shipping) worth £36.95

The Editor's Choice will be printed onto a high-quality canvas with UV-resistant inks and mounted onto a sturdy wooden frame 1.2in thick. For HelloCanvas 'each happiness of yesterday is a memory for tomorrow', and we think your best beloved pictures deserve the best service. Our dedicated team is renowned for its attention to detail.

HelloCanvas.co.uk

www.hellocanvas.co.uk

How to submit your images

Please see the 'Send us your pictures' section on page 3 for details or visit www.amateurphotographer.co.uk/spotlight

*PRIZE APPLICABLE TO UK AND EUROPEAN RESIDENTS ONLY



3



4

Ho Chi Minh City

1 The compositional simplicity and vibrant colours of this shot work really well

Canon EOS 5D Mark II, 50mm, 1/40sec at f/8, ISO 1250

Thien Mu Pagoda

2 The details of the smoke are fascinating against the dark background

Canon EOS 5D Mark II, 24-105mm, 1/250sec at f/8, ISO 320

Souvenirs

3 This is a beautiful, vibrant shot, filled not only with colour and detail but also emotion

Canon EOS 5D Mark II, 24-105mm, 1/80sec at f/8, ISO 400

Paper lanterns

4 Sam had to wait for just the right moment to capture the children's faces lit by candlelight

Canon EOS 5D Mark II, 50mm, 1/40sec at f/2, ISO 3200



Helmut Plamper Italy

Since moving to Tuscany to enjoy his retirement, Helmut has been able to spend time taking landscape and nature photographs. 'For me, photography is a marvellous language to express and create emotions, and to show the beauty of our world,' he says. Having been interested in photography since the age of 11, Helmut now scouts the best photo locations in Valdichiana, Val d'Orcia and Crete Senesi in Italy. In the future, Helmut would like to experiment with light painting.

Val d'Orcia

1 The unique light gives this layered shot a gorgeous warm colour tone and gentle mood

Sony Cyber-shot DSC-R1, 24-120mm, 1/200sec at f/11, ISO 160

Terrapille

2 This area of Tuscany is one of the most photographed landmarks in Italy

Sony Cyber-shot DSC-R1, 28-200mm, 1/125sec at f/4, ISO 64





1



3



4

Mood of autumn
3 Helmut got up early to take pictures of early morning mist and was rewarded with this shot
 Sony Cyber-shot DSC-F828, 28-200mm, 1/80sec at f/6.3, ISO 64

Belvedere
4 The colour gradient is especially fascinating in this misty, moody image
 Sony Cyber-shot DSC-HX100V, 27-800mm, 1/70sec at f/4.5 ISO 100

EDITOR'S CHOICE

SEE MORE ONLINE AT
AMATEURPHOTOGRAPHER.
CO.UK/SPOTLIGHT

This is an example of great timing. Although you might hope to get a shot like this, working with animals is never predictable so Sarah's picture is even more impressive – *Debbi Allen, deputy editor*



Sarah Bourque Canada

The stars of this page are Walter and Rupert, Sarah's two 'scruffy puppies' and her favourite subjects to shoot. 'They are full of personality and a joy to photograph,' she says. Sarah has always loved photography, and says what she likes best is being able to capture moments that make others smile. 'I'm always trying new techniques and projects,' she says. 'If something inspires me, I'll try to take a photo of it.' To see more of Sarah's images, visit www.wallyandroops.com.



The jump

1 This, as Sarah puts it, is a 'perfect moment', with Walter's legs perfectly framing Rupert as he runs towards the camera
Canon EOS 600D, 50mm, 1/1600sec at f/4, ISO 400

Best friends

2 Getting the focus perfect on these running dogs was a challenge, but Sarah pulled it off to create an image with real energy
Canon EOS 600D, 50mm, 1/1250sec at f/5, ISO 400

Slurp

3 This image is a great characterful portrait, with Rupert's tongue adding the perfect splash of colour to the shot
Canon EOS 600D, 50mm, 1/2000sec at f/2.8, ISO 400



WANT TO LEARN MORE AND IMPROVE YOUR PHOTOGRAPHIC SKILLS?

Then enrol on one of our **School of Photographic Imaging's Home Study Courses**. We've courses to suit all levels of experience covering all aspects of photography and bite-sized courses from just £75. Just visit www.spi-photography-courses.com, call **0203 148 4326** or turn to page 40 of this issue.

SPI
SCHOOL OF
PHOTOGRAPHIC
IMAGING



Coloratti ©Vincent Versace

Choose the right solution...



ColorMunki Solutions
Simple and easy calibration
for professional colour



i1 Solutions
Professional calibration for
high-end professional colour



x-rite
PANTONE®

Color Perfectionists Unite!

Find your perfect solution at www.xritephoto.com or visit one of our featured retailers.

AVAILABLE FROM THESE LOCAL STOCKISTS:

WEX PHOTOGRAPHIC
Norwich
01603 486413
www.wexphotographic.com
CROOKED IMAGING
Rochester
01634 715929
www.crookedimaging.co.uk
PARK CAMERAS
Burgess Hill
01444 237070
www.parkcameras.com

SPEEDGRAPHIC
Alton
01420 560066
www.speedgraphic.co.uk
LONDON CAMERA EXCHANGE
Lincoln
01522 514131
www.lcegroup.co.uk
MORRIS PHOTOGRAPHIC
Chipping Norton
0845 430 2030
www.morrisphoto.co.uk

WILKINSON CAMERAS
Preston
01772 252188
www.wilkinson.co.uk
SMART IMAGES
London
0208 133 6710
www.smartimages.com
JIGSAW24
Nottingham
03332 400 888
www.jigsaw24.com

CALUMET
Nationwide
08706 030303
www.calumetphoto.co.uk
TEAMWORK
London
0207 323 6455
www.teamworkphoto.com
FIXATION
London
0207 582 3294
www.fixationuk.com

Distributed by X-Rite Photo Europe: 0330 4400189

© 2013, X-Rite, Incorporated. All rights reserved. PANTONE® and other Pantone, Inc. trademarks are the property of Pantone, Inc. Pantone is a wholly owned subsidiary of X-Rite, Incorporated.



ROUND 3
THE ANIMAL KINGDOM

On top of the world

ROUND 1
PORTRAITS IN ARTIFICIAL LIGHT



After an exceptionally hard-fought contest, **Dusica Paripovic** has been crowned the winner of APOY 2013. She talks to **Jon Stapley** about the highs and lows of the competition

THE AMATEUR Photographer of the Year competition 2013 is all over. After ten rounds, thousands of entries and 500 images selected by our judges, all that's left is dust, smoke and a handful of determined photographers whose images shone consistently and brightly enough to pull ahead of the pack.

Yes, this year's APOY has drawn to a close, and after a protracted battle, Dusica Paripovic of Bosnia and Herzegovina has emerged the winner. Dusica entered every APOY round, and the judges always looked forward to her interpretations of the briefs.

There are many aspects of technique and style that make Dusica's images undeniably hers – the sparse, creative use of lighting, effective simplicity in composition and colour – yet it was never possible to predict what she would enter for any given round, and always a pleasure to find out. She didn't score points in every round, but she hit the mark often and hard enough that it was a pleasure to award her with first place and £5,000 worth of photographic goodies courtesy of Panasonic.

'Since I learned that I had won, I haven't been able to do anything productive!' Dusica says, 'I'm too excited, and I just can't wait to get those fantastic prizes!'

However, it was by no means a foregone conclusion that Dusica would take the title. Until the very last round of the competition she was neck-and-neck on points with 2012's winner Dan Deakin, until in the final stages she managed to squeeze past him by a single point.

'Dan contacted me to congratulate me on winning, which I thought was really nice of him,' she says. 'I think he is a fantastic photographer, and I'm looking forward to seeing more of his photos in APOY 2014.'

FROM THE BEGINNING

While Dusica has loved photography for as long as she can remember, she only considers her true start to have come four years ago with the purchase of her first DSLR, the Nikon D5000 she still uses today. Working around her job as an English language teacher and translator, Dusica has put in the hours to develop

In association with
Panasonic LUMIX G
www.panasonic.co.uk

APOY 2013 Amateur
Photographer
OF THE YEAR
COMPETITION

her personal style of photography.

'I have learned that you don't have to have the best equipment or live in a beautiful place to take beautiful photos,' she says, 'and I've learned that competition doesn't matter because we all have unique styles.'

That may be easy for a winner to say. Whether or not competition really matters is a debate that could rage all day, but Dusica was well and truly in APOY to win it. This was just as well, because by no means did the other competitors give her an easy ride. It took a few rounds for her to gain momentum.

'The competition was tough,' she says. 'After each round I would go through the gallery to get inspired and to learn. The most challenging round was the second [Life in Motion]. I just don't have good action shots and I wasn't surprised when I got no points.'

Fortunately, when it went well, it went really well. Dusica scored her first big coup with 40 points for her entry in Round Three, The Animal Kingdom. It's a fantastic shot, showing the personality of a mother dog and her puppy with a clever use of a shallow depth of field that makes it unique (above left). The shot remains Dusica's favourite that she submitted to the competition.

'Perhaps it's because it's cute and sad at the same time,' she says. 'The mother was the dirtiest dog I've ever seen, but all her pups were clean and perfect. I wanted to show that contrast.'

Of course, this is easier said than done. American comedian WC Fields supposedly warned, 'Never work with children or animals', and in getting her Round Three shot, Dusica found out why.

'The puppies wouldn't stand still for a second,' she ruefully recalls. 'And there was no messing with the mother, either. This meant the shot wasn't posed – I was just lucky to be in the right place at the right time.'

ROUND 4
INTERIOR ARCHITECTURE



Top left: Dusica scored 40 points for her entry in the Animal Kingdom round

Far left: Round One's entry scored 34 points for Dusica

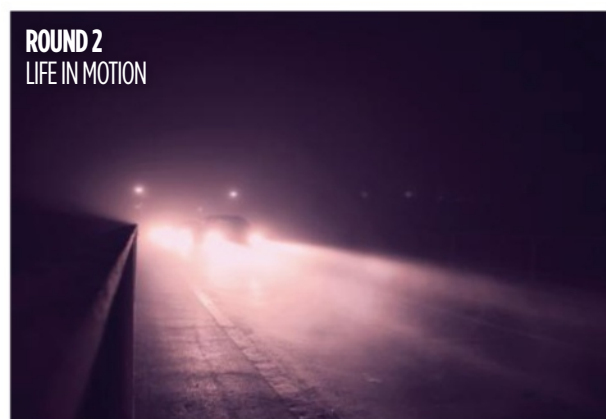
Above: Dusica scored 32 points for her image in the Interior Architecture round

Right: This image was awarded 34 points in the Floral Still Life round

Below: Dusica's image for the Life in Motion round failed to make it into the top 50



ROUND 5
FLORAL STILL LIFE



ROUND 2
LIFE IN MOTION



Being in the right place at the right time is especially critical, in Dusica's case, as she isn't one for rescuing a shot in Photoshop. While many of her images are reliant on post-processing effects for their specific look, turning a poor shot into a good one isn't quite her style.

'I'm not very skilled at post-processing work,' she says. 'It just comes down to removing the clutter, adding contrast and sharpening, and my favourite part – adjusting the colours. I love using filters and actions, and just playing around until I get something I like.'

FLASHING LIGHTS

As already mentioned, often the quality that instantly allowed the judges to identify a Dusica image was the use of lighting. A single, strong source of light is a frequent visitor to her photography, especially in her portrait work, and it is what often gives her images that sparse beauty and a stripped-down feel to the composition.

'I've watched many video tutorials, and they pretty much all teach that we need a main light, a fill light, a hair light, a background light and then, if we're outside, we need to learn to mix ambient light with flash,' Dusica says. 'I believe all that is complicated and unnecessary. I have one cheap flash unit and a white/silver reflector, and that's all I use. When I'm outside, I don't bring anything but my camera.'

The single light doesn't always have to be artificial (witness the clever use of the setting

Right: 'I thought about the Round Six subject for weeks,' says Dusica

Right: This image scored 16 points in Round Seven

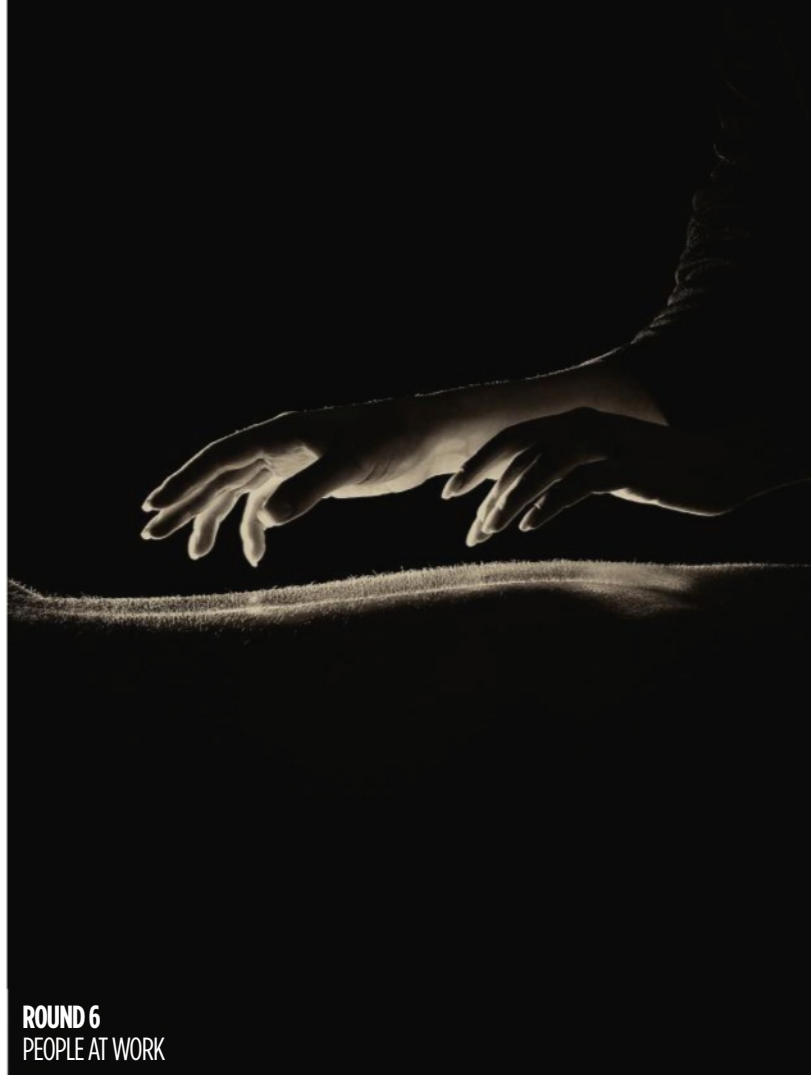
DUSICA'S KIT BAG

AS WELL as her trusty inexpensive flash unit, Dusica also has a host of other equipment that accompanies her on a shoot.

'I use a Nikon D5000 camera, a kit lens, a Nikkor 55–200mm f/4–5.6, a Nikkor 50mm f/1.8 and a Nikkor 35mm f/1.8,' she says. 'I use a tripod, but only when I have to. What I like about the kit lens is that I can come really close to the subject – I shot my Round Five, Floral Still Life photo with it.'

The Nikon D5000 was a well-received camera on release, but it did draw some criticism for its relatively unimpressive ISO range – native 3200 expandable to just 6400, which wasn't all that high even in 2009 when the camera was launched. However, as one of Dusica's pet hates is image noise, this doesn't bother her.

'I try to avoid raising ISO whenever possible, and that has cost me many great shots,' she says. 'I don't recommend limiting yourself like that. I've had my camera for four years, and the first time I shot with a really high ISO was when I was out shooting for Round 10, Under the Weather!'



ROUND 6
PEOPLE AT WORK



ROUND 7
BLACK & WHITE WORLD

sun in Dusica's entry for Round Nine, Going Abstract (see opposite page), but one of the most intriguing examples of the technique came about through the use of Dusica's trusty flash unit.

For Round Six, People at Work, Dusica submitted an image of a masseuse (herself) at a table (see image top). With only the hands and the subject's back illuminated by the soft yellow light, much of the frame is darkness. It's a perfect example of distilled photography – so much detail has been removed, and yet the viewer understands instantly what's happening.

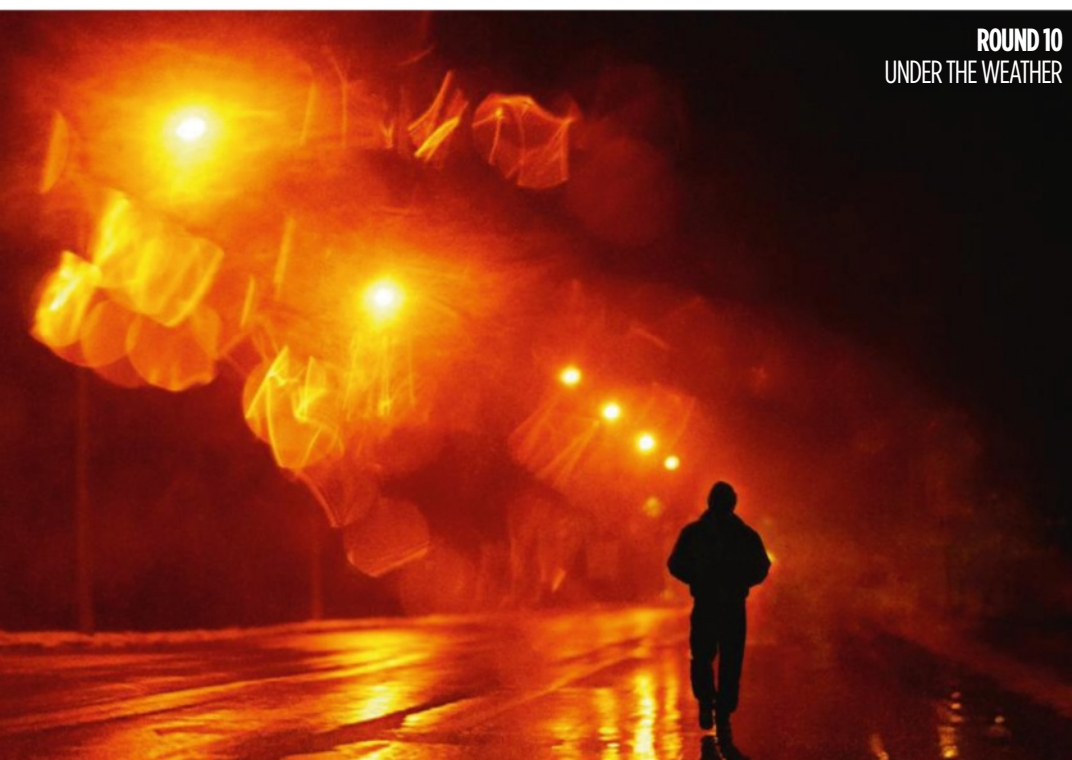
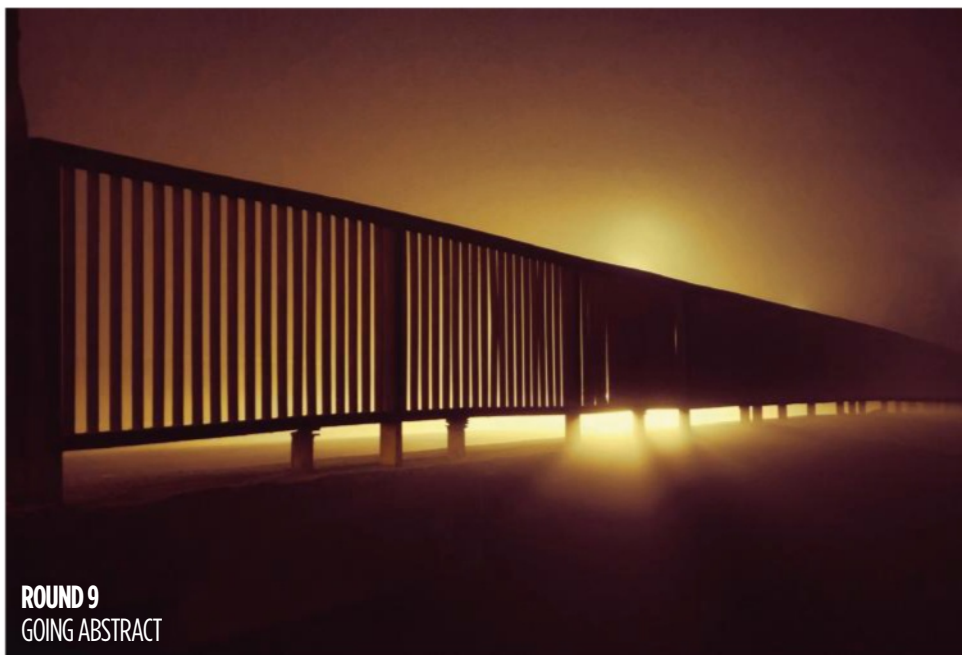
'I thought about the Round Six subject for weeks,' Dusica says. 'I walked around the town many times and got absolutely nothing. Then I got the massage idea, but I didn't

want it to look like a stock photo.'

Taking inspiration from a similar image she submitted in Round One, Portraits in Artificial Light (see page 32), Dusica set about creating the minimalist lighting set-up that would let her achieve the effect she wanted.

'After every shot I would run to see the photo, run back to move the light and position the hands,' says Dusica. 'It pretty much came down to setting the flash unit to the lowest setting, and finding the perfect spot for it. Every centimetre, in every direction mattered. Also, the flash unit didn't work properly and would fire once every 15–20 clicks. But in the end, it was worth it.'

It certainly was. Dusica's entry for Round Six won second place, and saw her gaining a lead on the competition.



DO IT ALL AGAIN?

This has to be the closest APOY competition we've ever judged, but however tough it was for us we know it was much harder for the competitors. Dusica isn't the only person who rose to the challenge, as a host of photographers produced fantastic images for each and every round. It's just a shame that space and prize allowances do not permit honouring them all.

'Enter every round, because every point counts,' is Dusica's advice for new entrants. 'I wish when I started I had known that APOY was different. I'm really tired of photo

Top left: Dusica failed to score any points for this image in Round Eight

Top right: The setting sun is the single light source in this picture

Above: A score of 34 points in the final round saw Dusica take the 2013 APOY title

competitions where portraits of wrinkly, homeless old men always win, where the same photos come top over and over again.'

Dusica has plans to expand her photography in the future – and first on the list is to start working with models so she takes fewer self-portraits and stops 'bothering friends'. But what we really want to know is, will she be entering the APOY 2014 competition?

'I'm looking forward to it,' she says.

If you think you're up to the challenge of entering APOY, which is held over ten rounds, see our 1 February issue to find out more. **AP**

In association with
Panasonic LUMIX G
www.panasonic.co.uk

APOY 2013 Amateur
Photographer
OF THE YEAR
COMPETITION

APOY ROUND BY ROUND

Dusica Paripovic finished in the top 50 in seven of the ten rounds of APOY. Her highest position was second

Round 1 Portraits in
Artificial Light
Position 25
Points 26

Round 6
People at Work
Position 2
Points 45

Round 2 Life in
Motion
Position 00
Points 00

Round 7
Black & White World
Position 36
Points 16

Round 3
The Animal Kingdom
Position 6
Points 40

Round 8 Wideangle
World
Position 00
Points 00

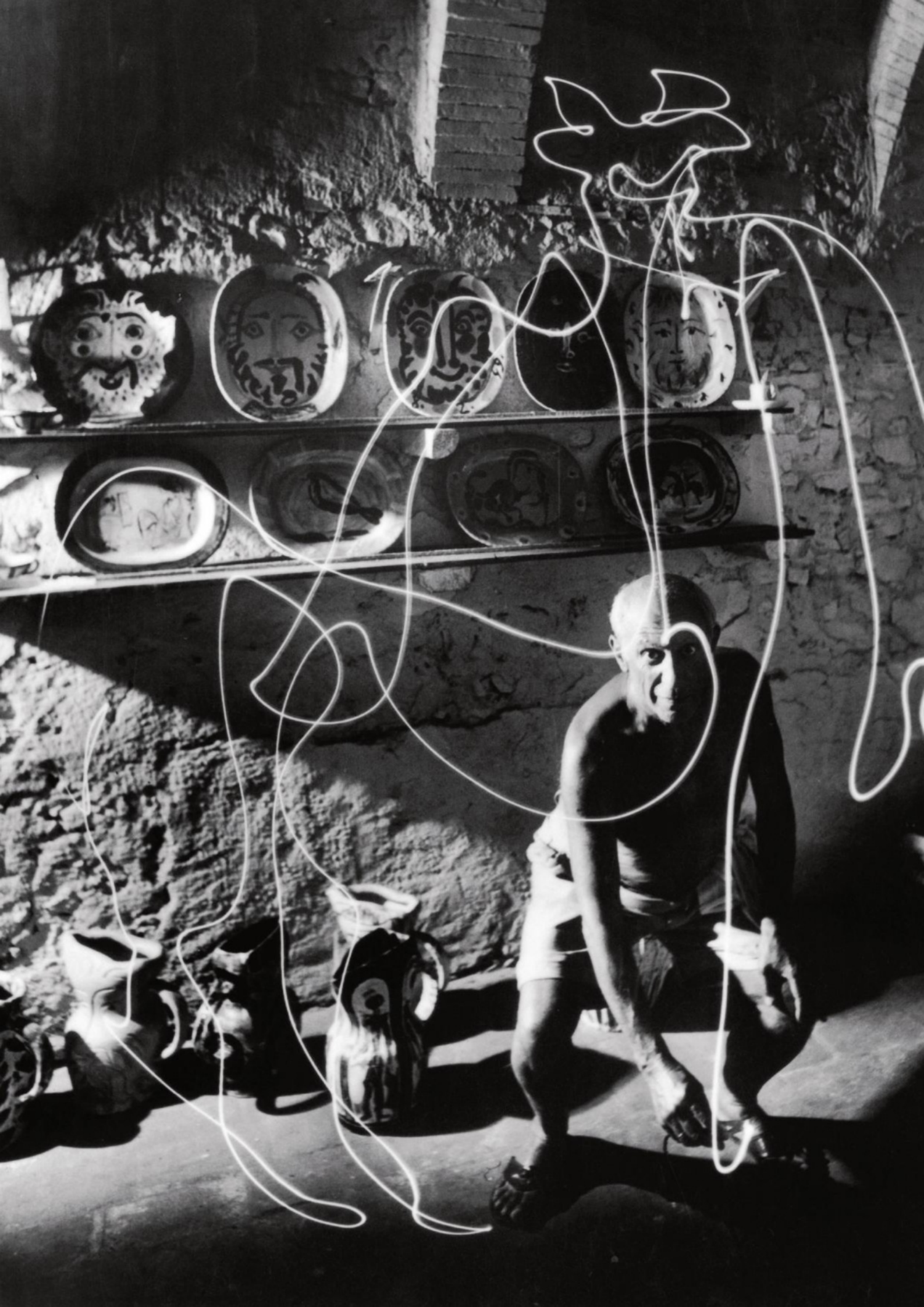
Round 4
Interior Architecture
Position 16
Points 32

Round 9
Going Abstract
Position 00
Points 00

Round 5
Floral Still Life
Position 17
Points 32

Round 10
Under the Weather
Position 20
Points 34

To see more of Dusica's images, visit her website at www.fineartamerica.com/profiles/dusica-paripovic.html



Amateur Photographer's...

ICONS OF PHOTOGRAPHY

ICONIC PHOTOGRAPHER | CAMERA | PHOTOGRAPH

Gjon Mili 1904-1984

Gjon Mili's influential body of work ranged from technically innovative stroboscopic images to insightful documentary photographs, writes **David Clark**

GJON Mili was one of photography's great innovators. He combined visual artistry with technical excellence and was the first professional photographer to shoot using stroboscopic lighting. In a long and diverse career mainly working for *Life* magazine, he photographed film stars, artists, musicians, dancers, politicians, sporting events and architecture.

Mili was born in Albania in 1904 and grew up in Bucharest, Romania, before emigrating to the USA at the age of 18. He became an electrical engineering student at Massachusetts Institute of Technology (MIT) and graduated in 1927.

Afterwards, he worked on lighting research for the Westinghouse Lamp Company in Massachusetts to earn a living, but experimented with photography on an amateur basis. He was completely self-taught. 'It was ten years before I was able to profit materially from my photographic efforts,' Mili later commented.

In 1937, a new phase of his life began. He attended a lecture at MIT by Harold Eugene Edgerton (1903-1990) in which he spoke about his work developing a stroboscopic lamp. The flash it produced lasted only 1/100,000sec, but it was

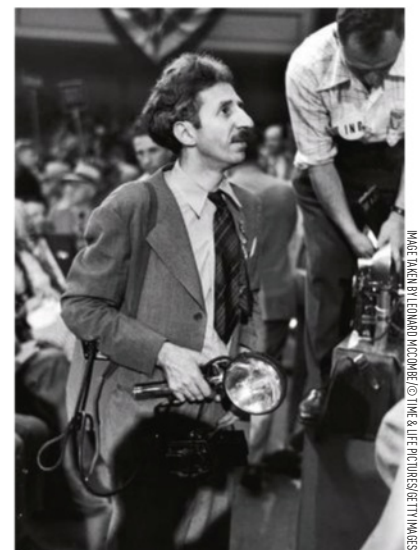
sufficiently bright to be used for lighting photographic subjects.

Mili subsequently borrowed some lights from Edgerton and set up a makeshift studio in an abandoned church in Montclair, New Jersey. He experimented with high-speed flash to light pictures of people in action, highlighted against a black backdrop.

After his images showing American tennis player Bobby Riggs in action were published in *Life* magazine, he resigned from Westinghouse and began a new career as a professional photographer.

The electronic flash captured movement in a way that was invisible to the eye, creating images that were previously impossible to achieve. 'My generation came at a time when photography was advancing by leaps and bounds, creating the impulse to experiment and to seek new approaches,' Mili commented.

He began using strobe lighting to photograph dancers and sportsmen, capturing a number of actions in one photograph using rapid sequence firing. One early example of this work is the 1942 image of American fencers Arthur Tauber and Sol Gorlin (see page 40), in which Mili used small electric bulbs on the tips of



Gjon Mili photographed at a press event in the United States by Leonard McCombe

their sabres to show a trace of the blade's movement through the air.

Mili's mastery of this equipment went on to produce spectacular multiple images, including sequences of Gene Kelly leaping, ballerinas such as Alicia Alonso executing flowing movements and FBI agent Del Bryce drawing his gun.

His strobe photography was very successful, but by the late 1940s he was looking for new challenges. 'After a decade I became fed up with the strobe,' he later said. 'I had done almost everything once and I didn't want to repeat myself.'

In 1949, Mili travelled to the

The idea behind this famous shot of Picasso 'line drawing' from 1949 was sparked by a comment from the artist's nephew

© TIME & LIFE PICTURES/GETTY IMAGES



‘When he met Picasso, Mili suggested the kind of image he wanted. “Picasso reacted instantly. Intrigued, he began drawing with his finger in the thin air,” he recalled’

French Riviera on a *Life* assignment to photograph artist Pablo Picasso. On the way, he stopped in Paris to talk to meet Javier Vilató, Picasso’s nephew. He quoted his uncle as saying, ‘If you want to draw, you must shut your eyes and sing.’ This sparked an idea in Mili. ‘I deliberated, why not have him draw in the dark, with a light instead of a pencil?’

When he met Picasso, Mili suggested the kind of image he wanted to make. ‘I confronted him with a photograph, taken in the darkness but showing a skater’s leap traced with the lights attached to the skates,’ he said. ‘Picasso reacted instantly. Intrigued, he began drawing with his finger in the thin air.’

Mili photographed Picasso doing ‘light drawings’ in five sessions during his stay. The most successful image showed the artist in a pottery studio (see page 36). Mili used just one flash, which recorded Picasso in a crouched position. Then, in complete darkness and with the camera’s shutter open, Picasso sketched the outline of a centaur in the air using a small bulb attached to an electrical wire. The experiment was successful and the resulting photograph became Mili’s most famous single image.

However, Mili’s achievements as a photographer were not restricted to his use

of artificial lighting effects. He was also an accomplished photojournalist and carried out assignments in a number of European cities, including Rome, Athens, Florence and Dublin. He was also the official photographer on movies such as *West Side Story*.

In 1961, he travelled to Israel where Adolf Eichmann, a Nazi war criminal who was one of the Holocaust’s main organisers, was awaiting trial after being captured in Argentina. Mili’s gritty, grainy documentary photographs, taken using natural light, show Eichmann in his cell or pacing the prison grounds as he awaited the court’s inevitable verdict of the death penalty.

Mili worked for *Life* until the magazine closed in 1972, then he contributed to the new *Life* magazine that began publication in 1978. In 1980, he published a memoir about his life in photography, titled *Photographs and Recollections*. It led to Mili’s first retrospective exhibition at New York’s International Center of Photography the following year.

Mili was widely admired for his technical expertise and innovation, and undoubtedly influenced succeeding generations of photographers, particularly those who shot movement. He died in 1984, while still officially a freelance photographer for *Life*, a position he held for more than 40 years. **AP**

A multiple exposure of New York University fencing champion Arthur Tauber (left) parrying Sol Gorlin

BOOKS AND WEBSITES

Books Gjon Mili’s book *Photographs and Recollections* (published by the New York Graphic Society) is a retrospective of his 50 years as a photographer. It is currently out of print, but used copies are available from online booksellers.

Websites Thousands of Gjon Mili’s images, including stroboscopic images, documentary work and portraits, can be seen by searching on www.gettyimages.co.uk. The stories behind some of his assignments are available on life.time.com/gjon-mili.

Biography

1904

Born on 28 November in Korçë, Albania

1923

Emigrates from Bucharest, Romania, to the USA

1927

Graduates from the Massachusetts Institute of Technology with a degree in electrical engineering

1927-36

Employed by the Westinghouse Lamp Company, while taking photographs on an amateur basis

1937

After attending a lecture by Harold Edgerton, he begins experimenting with electronic flash. Within a year he becomes a professional photographer

1939

Begins working for *Life* magazine

1944

Directs a short film about jazz musicians, *Jammin’ the Blues*. It is later nominated for an Academy Award

1949

Photographs Pablo Picasso doing ‘light drawings’ at his home in the French Riviera

1961

Travels to Israel to photograph Nazi war criminal Adolf Eichmann while awaiting his trial for war crimes

1984

Dies on 14 February from pneumonia in a convalescent home in Stamford, Connecticut



Ask the experts at
londoncameraexchange
THE UK'S BIGGEST PHOTO SPECIALIST

THE NEW AND USED EQUIPMENT SPECIALISTS

FIND THAT ELUSIVE **USED**
CAMERA OR **ACCESSORY**
ON OUR WEBSITE



**WE WANT
YOUR USED
CAMERAS
& LENSES**



WE PAY CASH
FOR GOOD QUALITY
CAMERA EQUIPMENT



**VISIT YOUR LOCAL
LCE BRANCH TODAY!**

For amazing part-exchange deals or to sell us your old equipment visit your local LCE branch.

BATH
01225 462234

BRISTOL (BALDWIN ST)
0117 929 1935

BRISTOL (BROADMEAD)
0117 927 6185

CHELTENHAM
01242 519 851

CHESTER
01244 326531

CHESTERFIELD
01246 211891

COLCHESTER
01206 573444

DERBY
01332 348644

EXETER
01392 279024

FAREHAM
01329 236441

GLOUCESTER
01452 304513

GUILDFORD
01483 504040

LEAMINGTON
01926 886166

LINCOLN (HIGH ST)
01522 528577

LINCOLN (SILVER ST)
01522 514131

LONDON (STRAND)
0207 3790200

MANCHESTER **NEW!**
0161 834 7500

NORWICH
01603 612537

NOTTINGHAM
0115 941 7486

PLYMOUTH
01752 664894

PORTSMOUTH
023 9283 9933

READING
0118 9592149

SALISBURY
01722 335436

SOUTHAMPTON (CIVIC CTR)
023 8033 1720

SOUTHAMPTON (HIGH ST)
023 8022 1597

TAUNTON
01823 259955

WINCHESTER
01962 866203

WORCESTER
01905 22314

OPENING TIMES:
Monday—Saturday
9am—5:30pm

Selected stores open Sunday
— please check for details.

28 BRANCHES NATIONWIDE

UK MAIL ORDER Next day delivery available from all LCE branches. Postage & Insurance £4.99 for most items. E. & O. E. Prices quoted include VAT @ 20%. Prices subject to change. Goods subject to availability.

SEARCH OUR USED EQUIPMENT AT:

www.LCEgroup.co.uk



Improve your photography



- Study in your own time
- Receive detailed feedback from a professional tutor
- Students are assigned a personal tutor
- Split the monthly payment costs
- Half-price magazine subscriptions
- Subject-specific, bite-sized courses from only £75
- Dedicated student area and online forum



'The quality of teaching that I received was not only motivating, but also extremely detailed and thorough. This enabled me to begin to find out who I am as a photographer and without doubt my skills improved considerably.' Gill Golding

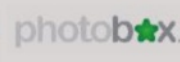
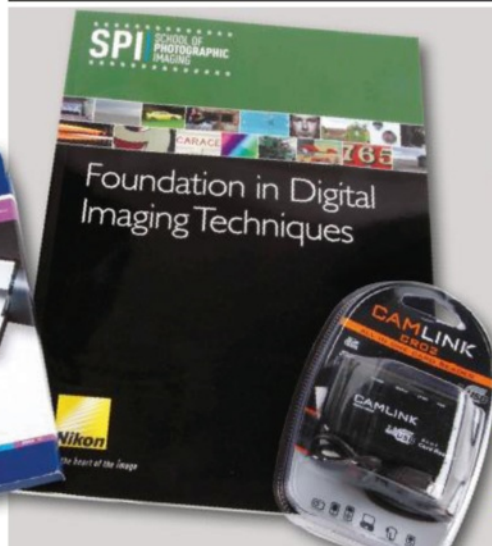


FOUNDATION IN DIGITAL IMAGING TECHNIQUES

**COURSE FEES ONLY
£195**

COURSE LEVEL **BEGINNER**

- Size and crop a digital image
- Adjust tones, correct colours and convert your images
- Use the selection tools to adjust your images
- Remove dust and scratches from precious photos
- Banish redeye for ever
- Sharpen your images
- Create an archive to safeguard valuable pictures



For detailed course contents or to enrol call **0203 148 4326**
or visit **WWW.SPI-PHOTOGRAPHY-COURSES.COM**

Please quote
ref: SPI006



Panasonic Lumix DMC-GM1

Boasting a 16-million-pixel-sensor, interchangeable lenses and Wi-Fi in a palm-sized body, is the **Panasonic Lumix DMC-GM1** the perfect balance between image quality and pocketability?

Callum McInerney-Riley
Technical writer

WHILE compact cameras score over DSLRs with regard to portability, they can't compare in terms of image quality. A mix of lightweight, compact design and decent image quality is therefore a balance that camera manufacturers are keen to get right, and it seems that Panasonic has made good progress towards achieving this. The company's new Lumix DMC-GM1 is a tiny micro four thirds compact system camera with impressive specifications. Essentially, it is the redesigned inner workings of Panasonic's top-end Lumix DMC-GX7 in a body that fits in the palm of your hand.

The company has identified its target market as 22 to 40-year-old young (and

not-so-young) professionals – the kind of people who want a camera they can keep with them all the time to photograph their lifestyle and the things that happen around them. Equally as important is image quality and the ability to share these images on social media. With a 16-million-pixel sensor, interchangeable lenses and comprehensive Wi-Fi functionality, the Lumix DMC-GM1 fulfils the criteria exceptionally well.

FEATURES

Inside the GM1 is a four thirds Live MOS sensor with a resolution of 16 million pixels. This sensor has dimensions of 17.3x13mm, which is bigger than the 1in sensor found inside the Sony Cyber-shot DSC-RX100 II compact camera, but smaller than the more common APS-C-sized sensor. The GM1 can record images in both JPEG and raw file formats and these images are processed by Panasonic's own Venus Engine.

The specification of the camera is very

AT A GLANCE

- 16-million-pixel, four thirds-sized Live MOS sensor
- Micro four thirds lens mount
- 3in, 1.036-million-dot TFT LCD touchscreen
- Lumix G Vario 12-32mm f/3.5-5.6 Asph Mega OIS kit lens
- Sensitivity range of ISO 200-25,600 (125-25,600 auto extended)
- Comprehensive Wi-Fi connectivity
- Street price around £629 with kit lens

similar to the Lumix DMC-GX7. However, the GM1 lacks some of the GX7's functionality, such as bulb shooting, Near Field Communication and full HD 60i movie recording, although it has the great benefit of being significantly smaller. With the dimensions of the camera body measuring just 98.5x54.9x30.4mm, it is by far the smallest micro four thirds system camera we have ever seen.

Announced alongside the GM1 was a brand new lens in the form of the Lumix G Vario 12-32mm f/3.5-5.6 Asph, which has Mega OIS image stabilisation built in. This lens was specifically designed for the GM1 to tie in with the small, lightweight, 'take anywhere' ethos behind the camera, and it comes as the standard kit lens.

Weighing 70g and protruding just 24mm from the lens mount when not extended, the lens really is lightweight and compact. Turning the zoom ring extends the barrel and makes it operational. With a micro four thirds crop factor of 2x, the lens is equivalent to 24-64mm on a full-frame camera. Some users might find this short range a little restricting, but for landscapes and portraits it is more than adequate. One slight disadvantage is that the lens does not feature a focus ring, so manual focus can only be altered using on-camera controls.

In terms of connectivity, the GM1 boasts one of the most comprehensive Wi-Fi functionalities of any camera currently available, via the Panasonic Image App (available for both iOS and Android devices). When connected to this app, it is possible to share images or videos directly with a smartphone or tablet

– which is fairly standard with most Wi-Fi-enabled cameras – but it goes a step further by enabling full remote wireless shooting via a smart device. In-app manual controls are unrivalled, and allow every setting, including aperture, shutter speed and ISO, to be changed without ever touching the camera.

A pop-up flash is built into the GM1, with a guide number of 4m @ ISO 100. It is reasonably powerful and will be sufficient for casual portraits.

Also featured are 22 different filter effects, along with time-lapse and stop-motion animation modes, so the GM1 ticks all the right boxes for the creative photographer. Importantly, the GM1 has a built-in intervalometer, which is programmable in-camera (see *Features in use*, below, for more information on the time-lapse mode).

8/10

BUILD AND HANDLING

Undoubtedly, the most standout feature of the GM1 is the minuscule size of its body and kit lens. Even including the lens it measures just 98.5x54.9x54.4mm, which is about the same depth as a standard credit card and only just over 13.5mm longer. This incredible feat of engineering is the result of a redesign of many of the camera's internal parts, including the shutter mechanism and main circuit board.

The GM1's body is made from magnesium alloy, but is very lightweight. Weighing just 173g body only, and 274g with the battery, kit lens and an SD card, it is also one of the lightest micro four thirds cameras. It fitted comfortably into my coat pocket and I was able to take it with me wherever I went. The GM1 really is a camera you can carry with you all the time.

However, there is a disadvantage that comes with the downscaling of the GM1,



Better dynamic range can be achieved by underexposing the image, then lightening shadows in post-production

which is that it has lost some of the handling qualities offered by larger cameras. For example, there is no substantial grip on the front, and the textured grip on the back is quite small. As a result, when using the camera with one hand I found that it did not feel as secure as I would like, although two-handed operation is OK. An optional handgrip is available, although it costs around £99. This screws into the tripod thread and offers better finger support at the front of the camera, which I suspect will solve this issue.

However, another slight annoyance is that the grip on the rear of the camera is very close to the large 3in touchscreen. On occasion, usually when I was shooting in portrait orientation, my thumb would wander towards the LCD screen as I searched for



The Panasonic Lumix DMC-GM1 is perfect for documenting everyday life as it can be carried with you everywhere

FEATURES IN USE TIME-LAPSE



THE TIME Lapse Shot mode instantly caught my eye when I first flicked through the GM1's specification list. Most cameras don't have such a mode, so I was keen to see it in action. Essentially, the time-lapse mode makes use of a built-in intervalometer, which enables the user to shoot a sequence of images at intervals of between 1sec and 99mins 99secs, adjustable in 1sec increments. The number of shots can also be set to between 1 and 9,999.

Once images have been captured, they are stored sequentially in a folder on the camera. These images can then be imported into programs such as Adobe After Effect, Adobe Lightroom, Adobe Premier or QuickTime Pro, and made into a video composition. I set up my time-lapse sequence to take 240 shots at 2sec intervals, which took 8mins. I then compiled the images into a 24fps composition, which gave me 10secs of footage. The final result was a video showing 8mins of time elapsing in just 10secs in real time, made entirely from photos. This is a great tool for making dynamic landscape pictures with moving clouds, or for capturing other active scenes.



a grip. This would frequently cause a focus point to be selected in the corner of the frame, which I then needed to correct.

As this camera features very few physical control buttons, it relies primarily on customisable menus and the touchscreen. Thankfully, Panasonic has managed to create a control layout that prevents extensive menu driving and allows settings to be adjusted quickly. A quick menu button located below the D-pad allows users to control ISO, aperture, shutter speed and metering, among other settings, but it can also be customised to add or remove settings. A function menu in the form of a tab on the right of the LCD can be customised for other settings, such as focus peaking, picture style and Wi-Fi.

Due to the high power consumption and small battery size, the GM1 is rated to a lowly 220 shots. For light use it is fine for a couple of days, but heavy users would be wise to buy a back-up battery.

There are four different versions of the GM1 available, all in a 'modern-vintage' vein intended to appeal to a more style-conscious audience. These are black, white, silver and tan, all coming with complementary textured leather wrapped around the body. I particularly like the silver body and 1970s retro-vintage style of the tan leather.

8/10

METERING

A 1,728-zone multi-pattern sensing system is used to meter the exposures on the GM1. This is the same hardware we have seen in previous Panasonic G-series cameras, such as the Lumix DMC-G6, GF6 and GX7. The metering performs well in a variety of lighting situations, giving consistent exposures, but in some overcast landscape situations the metering slightly underexposes the images. This can be corrected by

tapping the up direction on the D-pad and adjusting the exposure compensation setting by roughly +0.6 EV.

In most other scenes I found that the camera prioritises the midtones to give bright exposures that are rich in detail between shadows and midtones. This is good for users wishing to use images straight out of the camera. The highlights are sometimes lost, but there is rarely any shadow clipping.

The three metering modes available are multi-metering, centreweighted and spot, all of which return a good result. Spot metering can be linked with a focus point and, thanks to the touchscreen, it is quick and easy to operate.

8/10

DYNAMIC RANGE

When shooting brightly lit landscapes, the GM1 achieves good exposures that have a decent balance between highlight and shadow detail – for most situations there aren't many areas of burnt-out detail. In more challenging high-contrast scenes the metering captures well-exposed midtones, but often loses some highlight information. When editing in Adobe Camera Raw, however, I noticed that a reasonable amount of information could be brought back in the highlight areas and more still could be recovered by lightening the shadows.

It was rare to see any shadow clipping, so to maximise the dynamic range I adjusted the exposure compensation to -1EV and lightened the shadows and midtones using Adobe Lightroom.

Like most new cameras, the GM1 offers a dynamic-range boosting function known here as iDynamic. This maximises details in the highlight and shadow areas, and can be set to a range of intensities. Even at its strongest setting, it is still much more subtle than much of the competition.

Also included are a high dynamic range

Using the remote shooting function enabled by Wi-Fi allowed me to capture images at angles that would usually be very difficult to achieve

creative scene mode and an HDR shooting mode. The latter shoots three separate images and stitches them together in-camera. When shooting handheld, I found that high-contrast edges would often show halos, and ghosting would also appear. This is better suited to use with a tripod.

8/10



In its standard mode, colours look natural, although slightly muted

AUTOFOCUS

Panasonic claims that the GM1's contrast-detection autofocus, which is used across all its G-series cameras, is fast enough to surpass high-end DSLRs that feature phase-detection AF. In use, the AF certainly didn't disappoint, as it was usually very speedy in finding focus. Primarily, I used the AF-S focusing mode and even in low-light it took only a fraction of a second. An assist lamp, which can be turned on or off, makes focus speeds in low-light even quicker. Unfortunately, continuous AF does not live up to AF-S and takes a lot longer. Although it is still class-leading, it is noticeably slower and more sluggish.

There are various AF modes on the GM1, including face detection, AF tracking, 23-area, 1-area and pinpoint. Face detection is useful for portraits or groups of people, and locks on fairly quickly. AF tracking can be used to track a specific object in the frame by designating the area using the touchscreen. However, like continuous AF, it was neither very accurate nor quick. In 23-area mode, focus is found using 23 large rectangular focus points, and for most scenes, focus is found with great speed.

In general, though, my two 'go-to' AF settings were 1-area and pinpoint. The former allows users to define the size of the focus point using a pinch gesture on the touchscreen, and then allocate the point of focus by touching the required position on the screen. This AF mode is speedy, quick to change and precise. Alternatively, pinpoint puts a small cross hair on the screen that users can place across roughly the inner two thirds of the screen. This brings up a small x3, x4, x5 or x6 enlargement of the particular area for users to check focus. Tapping an on-screen option will also allow users to preview the pinpoint at 100% on the screen. This achieves very accurate and consistent focusing.

The same function described for pinpoint is also offered with manual focusing. Tapping the screen will enlarge a section up to 10x, and can preview it at 100%. Furthermore, the GM1 has focus peaking so fine-tuning manual focus is very easy, especially with the aid of the enlargement functions.

8/10

NOISE, RESOLUTION AND SENSITIVITY

An ISO sensitivity range of 200-25,600 (ISO 125 extended in auto) is featured on the GM1. This is a fairly large sensitivity range, although it is slightly annoying that the minimum native ISO sensitivity is not ISO 100 or even ISO 160. Thankfully, both the raw and JPEG files shot at ISO 200 are very clean, have a high level of detail and show few signs of luminance noise.

In JPEGs, this level of detail preservation continues right up to ISO 800. Thereafter, the in-camera noise reduction starts to gradually break the detail down in a bid to remove noise. Overall, the in-camera noise reduction applied to

Facts & figures

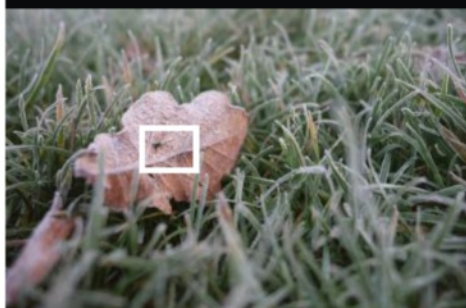
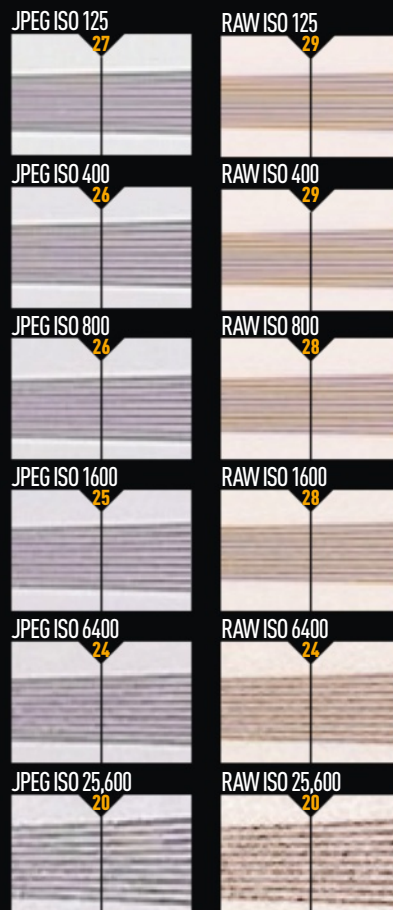


RRP	£629 with 12-32mm f/3.5-5.6 kit lens
Sensor	16-million-effective-pixel Live MOS sensor
Output size	4592 x 3448 pixels
Focal length mag	2x
Lens mount	Micro four thirds
File format	JPEG, RW2 (raw), raw + JPEG, MPO (when attaching 3D lens in micro four thirds-system standard), AVCHD, MPEG-4
Compression	2-stage JPEG
Colour space	Adobe RGB, sRGB
Shutter type	Focal-plane shutter/electronic shutter
Shutter speeds	60-1/16,000sec
Max flash sync	1/50sec (internal only)
ISO	125-25,600 Auto (extended) – native 200-25,600
Exposure modes	Program, aperture priority, shutter priority, manual, iA+, 24 scene modes
Metering system	1,728-zone, multi-pattern sensing system with options for intelligent multiple, centreweighted, spot
Exposure comp	±5EV in 1/3 steps
White balance	Auto, 5 presets, 2 custom, Kelvin, all with fine-tuning
White balance bracket	3 frames
Drive mode	Up to 5fps (with AF-S), 4fps (with AF-C, in 1-area-focusing AF mode) for 7 continuous shots in raw, unlimited JPEGs
LCD	3in, 1.036-million-dot touchscreen LCD
Viewfinder type	N/A
Field of view	N/A
Focusing modes	Contrast AF, single, continuous, manual, face detection, AF tracking, 23-area, 1-area, pinpoint, touch
AF points	23-area and touch-focus anywhere in the frame
DoF preview	Yes, with shutter-speed simulation
Built-in flash	Yes, GN 5.6m @ ISO 200
Video	Full HD 1920 x 1080 pixels, 50i AVCHD (PAL), 1920 x 1080-pixel MPEG-4 (24fps)
Memory card	SD, SDHC, SDXC
Power	Rechargeable Li-Ion (220 shots)
Connectivity	Wi-Fi, Micro HDMI, USB 2.0
Weight	173g (body only), 274g (with kit lens, card and battery)
Dimensions	98.5 x 54.9 x 30.4mm

Panasonic, Panasonic House, Willoughby Road, Bracknell, Berkshire RG12 8FP. Tel: 0844 844 3899. Website: www.panasonic.co.uk

RESOLUTION & NOISE

These images show 72ppi (100% on a computer screen) sections of images of a resolution chart, captured using the 12-32mm lens set to 34mm and f/5.6. We show the section of the resolution chart where the camera starts to fail to reproduce the lines separately. The higher the number visible in these images, the better the camera's detail resolution is at the specified sensitivity setting.



In JPEG images at ISO 200, lots of fine detail can be seen. This detail appears crisp and sharp

FOCAL POINTS

Flash release button

Sliding a button above the LCD screen allows the built-in flash to pop up

Function button

A function button is featured in the middle of this focus-control switch. This can be customised to access a single setting

Focus-control switch

This control can be switched to change focus between AF-S, AF-C and MF quickly and easily



Camera shown actual size

Movie-record button

A designated movie-record button is featured on the Lumix DMC-GM1, which is located inside the thumb grip

Function menu

This small tab can be pressed to show another function menu on the LCD. This can be customised to add different settings

Q menu

In playback, this button is used to delete images, but it doubles as the quick menu button in shooting modes

Quick menu



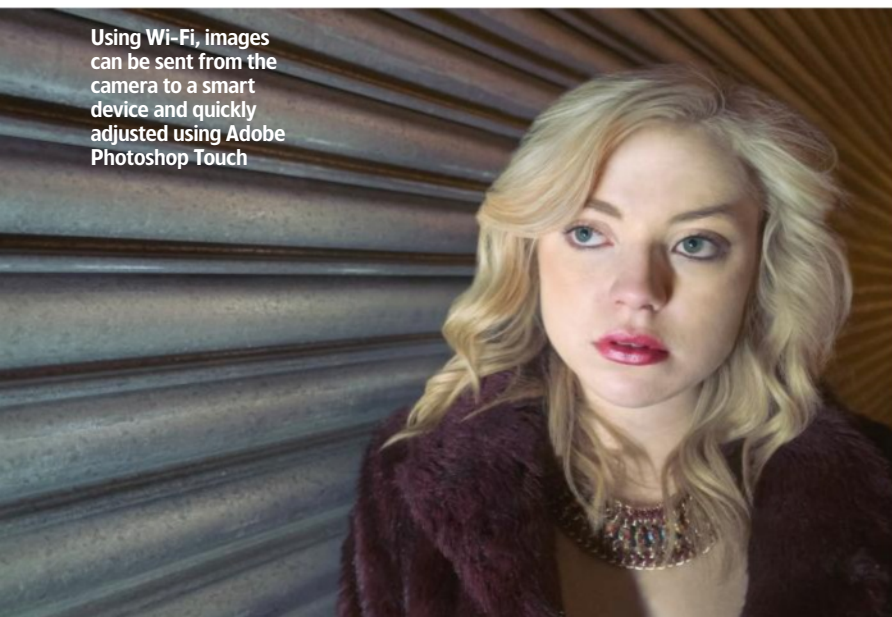
Main menu



Touchscreen focus



Using Wi-Fi, images can be sent from the camera to a smart device and quickly adjusted using Adobe Photoshop Touch



JPEGs does a good job of controlling noise. In images viewed at A4 size, noise doesn't start to become an issue until ISO 6400, but if previewed at 100% it is clear to see detail gradually become smudged.

Significant detail is lost at ISO 12,800 and at ISO 25,600. Luminance noise is prominent even when previewed at A4 size. The maximum ISO 25,600 had obvious colour noise, and readout lines from the sensor are visible. Obviously, this high sensitivity setting is best avoided.

For JPEGs, I think ISO 800 offers a nice balance between image quality and speed. I found that when processing raw images in Adobe Lightroom, I was able to push the sensitivity 1EV further and achieve a result on a par with the JPEGs.

27/30

WHITE BALANCE AND COLOUR

Inside the GM1's white balance menu is a wealth of different options. These include auto (AWB), daylight, cloudy, shadow, incandescent, flash, white set 1 and 2, and a custom colour temperature setting. The custom setting is very good and was the one I opted for the most. It allows users to view the scene in real time and adjust the colour temperature between 2,500K and 10,000K in 100K steps. This is a very precise and easy way to adjust the white balance.

By simply tapping down on the D-pad while in a white balance setting, the blue/yellow and magenta/green bias can be adjusted, which is very useful. I found that in AWB the tungsten white balance was often too cold, so nudging towards the yellow axis added a welcome warmth to the image.

Overall, colour rendition is good, although in some scenes colours appear a bit flat. Thankfully, under the photostyle option, it is easy to boost the image saturation to bring back some of the punch. A host of

other picture styles can also be applied from this menu, including portrait, vivid and monochrome.

The scene modes have a variety of different options, including cross-process, silky monochrome and dynamic monochrome.

8/10

VIEWFINDER, LIVE VIEW, LCD AND VIDEO

Almost all the camera's rear is taken up by a large 3in TFT LCD screen. This features touchscreen functionality and boasts a resolution of 1.036 million dots. That is a decent resolution and is on a par with, or better than, most cameras recently released. The refresh rate of the screen is good and in use it is very responsive. In bright conditions reflections did not present a problem, and the viewing angle is as good as it can get.

The responsiveness of the touchscreen is faultless, registering every intentional touch without issue. Swipe and pinch gestures also work well. Using a pinch gesture to zoom or to enlarge a focus point, or a swipe gesture to scroll through pictures, is intuitive and makes the camera very usable.

Many of the screen's settings can be changed and adjusted inside the menus, including brightness, contrast, saturation, and red/blue bias. However, the default settings are really good and I never felt the need to change them, although it is of course nice to have the option.

Video can be captured at a resolution of 1920x1080 pixels at either 50i, 25p or 24p, as well as a lower-resolution setting of 1280x720 pixels at 50p. The stereo sound can be adjusted to four different levels and there is an option to minimise the muffled audio caused by wind passing over the microphone. This setting can be set to auto, turned off, or varied in intensity.

8/10

Competition



Sony Cyber-shot DSC-RX100 II

TESTED AP 27 JULY 2013



Panasonic Lumix DMC-GX7

TESTED AP 14 SEPTEMBER 2013

BEING the smallest micro four thirds camera available, it is hard to find a direct competitor for the Panasonic Lumix DMC-GM1 as there is no camera with the same balance of specification and pocketability. However, for the user looking for a large sensor inside something small and lightweight, the Sony Cyber-shot RX100 II has a 1in sensor with a resolution of 20.2 million pixels. Coupling this with a 28-100mm f/1.8-f/4.9 lens, the RX100 II is capable of producing fantastic images, but only with a fixed lens.

Another potential competitor for the GM1 is Panasonic's own Lumix DMC-GX7. It has near-identical specification and functionality, but benefits from an EVF, bulb-mode shooting and 1080 60i video recording.

Verdict

WITH its stylish design and compact body, it is fair to say that the Panasonic Lumix DMC-GM1 will go down well with its target audience – the style-conscious young professional. However, this camera is much more than something that just looks good: it offers great potential as a 'take anywhere' camera thanks to the ultra-compact design.

Coupling the good image quality with the ability to use some fantastic lenses, the GM1 is something special. The Wi-Fi functionality is class-leading, allowing users to shoot and share their images quickly and easily. The dynamic range is as expected of a G-series camera and the noise performance enables impressive results right up to ISO 3200. Images up to ISO 800 are highly detailed with little noise. My only complaint is the short 220-shot battery life and the slight shortcomings in the camera's handling, by which I mean the small thumb grip and the lack of a grip at the front. On the plus side, these issues can be remedied with the purchase of a spare battery and additional handgrip.

Overall, for users looking for a camera that is lightweight, pocketable and capable of producing great images, the Lumix DMC-GM1 fits the bill.

	1	2	3	4	5	6	7	8	9	10
Amateur Photographer										
Tested as an Enthusiast CSC										
Rated Very good										
83%										
FEATURES	8/10									
BUILD/HANDLING	8/10									
NOISE/RESOLUTION	27/30									
DYNAMIC RANGE	8/10									
AWB/COLOUR	8/10									
METERING	8/10									
AUTOFOCUS	8/10									
LCD/VIEWFINDER	8/10									

THULE® new at... foto SENSE



£34

- Thule Perspektiv Action Camera Case**
- Holds a GoPro System and Accessories
 - Holds Sony/Contour Action Cams
 - Crushproof Roll-Top Padded Camera Pocket
 - Movable Interior Dividers
 - Flip Down Organizer Panel
 - Roll-Top Stash Pocket / 9 Hook Closure
 - 500D Nylon, EVA, Hi Visibility Lining
- FREE Shipping



£89

ALSO:
Toploader
Large
£109

- Thule Perspektiv Toploader Medium**
- For Prosumer DSLR, Ultra Wide Angle Lens
 - Use as Bag-in-Bag, Chest, Holster or Sling
 - Exterior Mesh Pocket/Sunglasses, Lens Cap
 - Zippered Stash Pocket for Battery, Cloth
 - Single, Adjustable Strap/Air Mesh Pad
 - Removable Waist Belt
 - Flip and Zip Storm Flap with Hideaway Rain Fly
 - Welded, Taped Seams for Wet Weather
 - 500D Nylon, EVA, Hi-Visibility Lining
- FREE Shipping



£119

- Thule Perspektiv Messenger Bag**
- Holds Small DSLR and to 70-200mm f/2.8
 - Holds Camera with Battery Grip
 - Padded 15" MacBook Pro Compartment
 - Flip Down Organizer Panel for Batteries
 - Two Zipper Stash Pockets for Small Items
 - Quick-Release, Customized Cross Body Strap
 - Wear Over the Shoulder or Sling-Style
 - Top Carry Handle
 - 500D Nylon, EVA, Hi Visibility Lining
- FREE Shipping



£149

- Thule Perspektiv Daypack**
- Holds Small DSLR with Wide Angle Lens
 - Holds 1-2 Lenses up to 70-200mm f/2.8
 - Organizer Panel / 3 SD Cards, 2 Batteries
 - Two Zipper Stash Pockets for Small Items
 - Space for Phone, Jacket, ID, Glasses
 - Breathable Backpack Straps
 - Flip and Zip Rain Fly
 - Hideaway Waist Belt / Top Carry Handle
 - 500D Nylon, EVA, Hi-Visibility Lining
- FREE Shipping

foto SENSE
tel: 01204 532325
web: www.fotosense.co.uk

SAVE 10%
use code
AP10 till
31/01/14

WANTED FOR CASH Exclusively... Nikon HIGHEST PRICES PAID

Grays of Westminster are always seeking mint or near-mint examples of Nikon equipment:

Nikon cameras, AF-D Nikkor lenses, AF-S Silent Wave Nikkor lenses, AF Micro-Nikkor lenses, Nikon Speedlights, Nikkor AIS & AI Manual Focus Lenses

Please telephone 020-7828 4925 or you can email us at info@graysofwestminster.com for our highest offer.

Grays of Westminster
- Exclusively... Nikon
40 Churton Street, Pimlico
London SW1V 2LP



www.graysofwestminster.co.uk

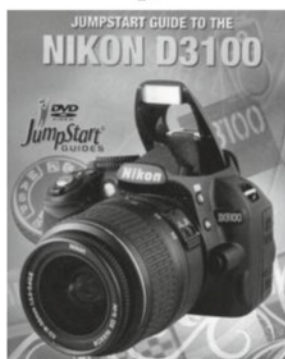
Bernard Hunter Photo

Clearance sale of last remaining stock - Books - DVDs

Jumpstart DVDs play on your TV and give hands-on tuition to help you set up and get better photographs from your DSLR.

Canon titles	SONY titles	NIKON titles
EOS 1000D	Alpha 700	Nikon D300
EOS 40D	Alpha 200	Nikon D50
EOS 50D	Alpha 100	Nikon D70s
EOS 30D	Alpha 300/350	Nikon D5100
EOS 5D	£14.99 each	Nikon D3000
EOS 350D	P. & Pkg. £1.25	Nikon D60
EOS 400D		Nikon D5000
EOS 450D		Nikon D40
EOS 500D		Nikon D40x
EOS 550D		

Olympus
E - 500
E - 510
E - 420
E - 330



PENTAX titles
Km / K2000
K100D Super
K100D
K10D
K20D
K200D

Last chance to buy these titles!

Leica Copies by HPR £40.00
Complete Nikon R/Finder £35.00
A-Z Brit. Camera Makers £19.95
Hove User Guide Nikon F2 £6.99
Hove User Guide Rollei TLR £10
Hove Collectors Rollei TLR £10
Rollei The History Parker £14
Lots more on eBay shop - see below
We have lots of Phaidon 55 Photo/biog to clear on 'AAVONPHOTOGRAPHICA'

BERNARD HUNTER PHOTO

246, NORTH STREET, ASHTON
BRISTOL BS3 1JD Tel. 0117 966 6066
Phone for Visa, Mastercard orders
or use PAYPAL to shop online at our
eBay shop 'AAVONPHOTOGRAPHICA'

APappraisal



Expert advice, help and tips from Chris Gatcum

British Superbike Championship Samuel Hunt

Fujifilm FinePix HS20EXR, focal length unknown,
1/250sec at f/5.6, ISO 320

THE MOMENT I saw this image as a thumbnail, I was fairly certain it was a British Superbike Championship round at the Brands Hatch racing circuit in Kent – and I may have been at the same race.

What struck me was the unusual (for sports photographs) crop. The 'letterbox' works perfectly with the sweep of the bend, leading us into the image at the top left corner and drawing us diagonally across the frame (a 'fast' direction for the eye to travel in).

You could argue that the right side of the frame is a little empty, but this seemingly dead space actually adds to the notion of danger and high-speed action. It achieves this because our eye wants to continue the diagonal journey across the image, as indicated by the arrow in the accompanying illustration. However, the corner tightens, and just as the riders fight to stay tight to the kerb, we find ourselves battling to do the same thing visually. Like the competitors, we try not to drift away from the action and slide off the track.

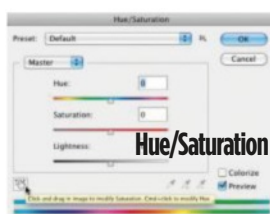
Some of you might be sceptical about this, but to demonstrate it we simply need to crop the image to a more conventional 3:2 ratio. Without that potential 'run-off' area, everything is more contained. The riders don't have a 'danger area' to run into and the frame edge acts like a visual barrier for the viewers' eye. Immediately, the tension has gone and, by extension, the racing has become much 'safer'.

Yet as much as I admire Samuel's crop, the shot has a cool colour cast, with the track blue rather than Tarmac grey/black. However, this is one instance where full correction might prove difficult, as getting rid of all the blue makes the rest of the image overly warm.

However, if you're using Photoshop, then the Hue/Saturation click-and-drag feature can help. Click on the hand icon in the lower-left corner of the Hue/Saturation dialogue box, then click on the colour you want to change in the image and drag the mouse to adjust the saturation. Photoshop makes changes to only that colour. The result still isn't perfect (the adjustment also affects some of the blue in the bikes), but the colours are generally a little more accurate. With a little more work, this could be a cracking shot.



'The crop works perfectly with the sweep of the bend'



Final edit with saturation adjusted



WIN

The person who takes the picture of the week* in *Appraisal* will win a Manfrotto Unica VII Messenger Bag worth £84.95. This bag combines style and functionality, ensuring that it is the perfect companion for carrying your camera gear, laptop and personal items. Gain quick access to your DSLR with lens attached, laptop and personal effects in the upper compartment by using the top opening. An additional compartment in the base of the bag also provides storage for selected Manfrotto Compact Photo Tripods.

www.manfrotto.co.uk

Submit your pictures

Send up to six prints, slides or images on CD (please include the original files from the camera along with your submitted versions on your CD). Tell us about the pictures and include details of equipment used and exposure settings. Send your images to *Appraisal* at the address on page 3. Enclose an SAE if you want them returned

*PRIZE APPLICABLE TO UK AND EUROPEAN ONLY/CONTENTS OF BAG NOT INCLUDED

Potter Peter Chinnock Canon EOS 450D, 55mm focal length, 1/80sec at f/6.3, ISO 200

LIGHT, exposure and focus are the fundamentals of photography. If you get those right (in terms of the mood), you're well on your way to a successful result. That's certainly the case with Peter's tack-sharp photograph of a potter in a remote village in northern Rajasthan, India.

The lighting is strong and direct, creating a level of contrast that can make colour shots appear garish, but it is perfect for a black & white conversion. However, gauging the exposure in these conditions can be tricky, so Peter has done a great job in getting it right. There's a suggestion that the highlights may have blown in one or two areas (and then been toned down to make them less obvious), but that's a minor point and it really doesn't detract from the shot at all.

However, it's not just the exposure that Peter has got right – he's also worked the balance of shutter speed, aperture and ISO to give him a specific look. The careful choice of exposure settings has resulted in low noise (thanks to a low ISO setting), front-to-back sharpness (courtesy of the aperture setting) and a shutter speed that has enabled him to handhold the camera, yet still introduce motion blur into the potter's wheel to prevent things looking too static. And it is this masterclass in the basics of photography that makes this my picture of the week.



Fire safety Matthew Thorpe Canon EOS 500D, 50mm focal length, 1/200sec at f/5.6, ISO 100



‘A wider aperture might have helped a little, and a tighter crop would remove a few more unwanted elements’

MATTHEW tells me this is a ‘firefighter educating the public on what happens when you throw water onto a burning chip pan’, and I can see that it’s a scene with huge photographic potential. Sadly, that potential has remained unrealised in this instance.

Before I begin, it’s important to note that I don’t have much information about the circumstances surrounding this shot. Therefore, I don’t know whether Matthew was simply walking past when he saw this happen and had a split-second to react from the position he was in, or whether he stayed for the entire demonstration.

If he stayed for the whole demonstration, I think he would have had some far more exciting images if he got closer to the action, especially as he was working with a fixed 50mm focal length. I’ve marked a space that had the potential to be a great shooting position, and from there I think he would have had a much clearer view of the firefighter and could really have made this shot all about him. Instead, we have a gaggle of onlookers partially blocking our view, and a medley of distracting cars, cones and building signs.

A wider aperture setting might have helped a little (at least in disguising the background), and a tighter crop would remove a few more unwanted elements, but in this instance getting closer to the action is really my only advice. Except in certain niche genres, bums and the backs of heads generally don’t make great subjects.

WINTER SALE

SUBSCRIBE & SAVE UP TO 43%

MORE REASONS TO SUBSCRIBE...

- SAVE ON THE COVER PRICE
- NEVER MISS AN ISSUE
- ENJOY CONVENIENT HOME DELIVERY EVERY WEEK



0844 848 0848

Lines open 7 days a week, 8am - 9pm (UK time). Quote 14T
Overseas: +44 (0)330 3330 233



amateurphotographersubs.co.uk/14T



Complete the coupon below

I WOULD LIKE TO SUBSCRIBE TO AMATEUR PHOTOGRAPHER AND SAVE UP TO 43%

- ☐ By Direct Debit paying just £20.74 every 3 months, saving 43%, on the full price of £36.39
- ☐ 2 year subscription - Pay only £163.99 - saving 43% on the full price of £291.10
- ☐ 1 Year subscription - Pay only £86.99 - saving 40% on the full price of £145.55

YOUR DETAILS

Mr/Mrs/Ms/Miss: Forename:

Surname:

If you'd like to receive emails from IPC & Amateur Photographer containing news, special offers, product and service information and take part in our magazine research via email, please include your email below.

Email:

Address:

Postcode:

Home Tel No. (incl area code):

Would you like to receive messages to your mobile from IPC & Amateur Photographer with news, special offers, product and service information and take part in our research? If yes, please include your mobile phone no. here

Mobile:

Year of Birth:

CHOOSE FROM 3 EASY WAYS TO PAY

1. I enclose a cheque made payable to IPC Media Ltd. for £ _____

2. Please debit my: ☐ Amex ☐ Visa ☐ Mastercard ☐ Maestro (UK only)

Card No.:

Start Date (Maestro only)

Issue No. (Maestro only)

Expiry Date:

Signature (I am over 18):

Date:

Offer open to new subscribers only. To access your iPad edition go to the app store & search for amateur photographer magazine app. Direct Debit offer is available to UK subscribers only. Please allow up to six weeks for delivery of your first subscription issue (up to eight weeks overseas). The full subscription rate is for one year (51 issues) and includes postage and packaging. If the magazine ordered changes frequency per annum, we will honour the number of issues paid for, not the term of the subscription. Offer closes 31.03.2014. For enquiries from the UK please call: 0844 848 0848, for overseas please call: +44 (0)330 3330 233 or e-mail: ipcsubs@quadrantsubs.com. Amateur Photographer, published by IPC Media Limited, will collect your personal information to process your order. Amateur Photographer and IPC Media would like to contact you by post or telephone to promote and ask your opinion on our magazines and services. Please tick here if you prefer not to hear from IPC Media ☐ IPC Media may occasionally pass your details to carefully selected organisations so that they can contact you by telephone or post with regards to promoting and researching their products and services. Please tick here if you prefer not to be contacted ☐ IPC Media who publish Amateur Photographer would like to send messages to your mobile with offers from carefully selected organisations and brands, promoting and researching their products and services. If you want to receive messages please tick here ☐ IPC would like to email you with offers from carefully selected organisations and brands, promoting and researching their products and services. If you want to receive these messages please tick here ☐

3. Pay £20.74 by 3 monthly Direct Debit

Instructions to your bank or building society to pay by Direct Debit



For office use only Originator's Reference - 764 221

Name of bank:

Address of bank:

Postcode:

Name of account holder:

Acct no: Sort code:

INSTRUCTION TO YOUR BANK OR BUILDING SOCIETY

Please pay IPC Media Ltd., Direct Debits from the account detailed on this instruction subject to the safeguards assured by the Direct Debit Guarantee. I understand that this instruction may remain with IPC Media Ltd. and if so, details will be passed electronically to my bank or building society.

Signature (I am over 18):

Date:

Overseas readers save 25% Visit the website above and select your country from the drop down OR call +44 330 3330 233, quote code 14T

Send coupon to: Amateur Photographer Subscriptions, FREEPOST CY1061, Haywards Heath, West Sussex RH16 3BR. (No stamp required)

14T

AP Testbench

Over the next few pages we present this week's **equipment tests**, **reader questions** and **technique pointers**

Lollipop Support Stand £29.99

www.lollipop.co.uk

LOLLIPOD is a versatile support stand designed to be used as a boom arm, monopod or tripod. In construction, it is similar to a light stand and has three feet at the base. The main shaft consists of four telescopic sections that are bevelled to prevent them rotating. These sections have no locking mechanism, instead extending under tension that can support a maximum payload of 420g. Collapsed down, the Lollipop is just 32cm, but at full extension it stands 113cm tall. Weighing just 320g, the Lollipop is supplied with a carry case, which makes it very portable. A small tripod head at the top has full 360° rotation and can be adjusted to any position between horizontal and vertical, which allows a camera to be set at almost any position.

During this test the Lollipop's build quality did come into question, as many of the fittings appear to be made from plastic or lightweight metal. However, in use it performed very well, particularly when used as a stand for a flashgun. Of course, the Lollipop is not as stable as a tripod, but for lighter cameras it does offer a fair level of support. Also, it's a good height, is super lightweight and very portable. **Callum McInerney-Riley**

Amateur Photographer
An ultra-lightweight support stand ideal for a compact camera or off-camera flashgun
★★★★☆

The AP guarantee to you

All our tests are conducted by people who understand the product area, as well as photography. We aim to discover any shortcomings, as well as finding those aspects that deserve praise. All our tests are thorough, honest and independent

Profoto Softbox RFI From around £88

www.profoto.com

THE RFI on test here is a small softbox measuring 1.3x2ft (40x60cm). It is one of five sizes among Profoto's vast range of light shapers, and is ideal for location work and small studio set-ups. A Speedring adapter is required to attach the softbox to a flash head, but these must be purchased separately and are available for systems including Elinchrom, Profoto and Bowens/Calumet. An adapter is also available that takes up to four flashguns.

Amateur Photographer
A superb small softbox with great build quality
★★★★★

The interior of the Softbox RFI is lined with a high-efficiency silver coating, and there are inner and outer diffusers that provide a very even illumination. The build quality is exceptionally good and it could clearly withstand daily use with frequent assembly and disassembly. The colour-coded rods and Velcro attachments really simplify the construction.

I like the recessed front with the deeper front diffuser as this makes the fall-off and edge effect more controllable, and when your shoot is complete the whole kit folds down into a flat Cordura bag.

It is also reassuring to know that the softbox is part of a system that is highly regarded throughout the photographic industry.

Andrew Sydenham



FORTHCOMING TESTS In the next few weeks AP hopes to run the following equipment through the most rigorous testing procedures in the industry...

Six of the best

We test a selection of the best jackets for photographers out in the field.

AP 11 January

DxO Optics Pro 9

A look at the latest feature-rich image-processing software from DxO.

AP 11 January

Nikon Df

It's got retro style but bang up-to-date technology. We test the new 16.2-million-pixel Nikon Df DSLR.

AP 18 January

Sony Alpha 7

We put Sony's Alpha 7 full-frame compact system camera, with 24.3-million-pixel sensor and optical low-pass filter, through its paces.

AP 18 January

Fujifilm X-E2

It has the same sensor as the X100S, but the Fujifilm X-E2 has 60 improvements over its X-E1 predecessor. We find out how it performs.

AP 25 January

AskAP

Let the AP team answer your photographic queries

COMPARING PRINTERS



Q I would like to buy a printer and favour either the Epson Stylus Photo R3000 or Epson Stylus Pro 3880 (pictured above), but how do the Canon printers compare with these two Epson models? **Robin Law**

A There's quite some difference between an A3+ printer (like the R3000) and an A2 model (such as the 3880). Regardless of make, an A2-format printer will take up more space (although not a great amount in this instance), and there are usually significant cost differences.

With the two printers you've noted, the move from A3+ to A2 would immediately increase the purchase

price by around £400 (the R3000's RRP is £570.99 and the 3880's is £974.18). The running costs of an A2 printer shouldn't be underestimated, either. Each of the 3880's nine inks has a list price of just under £50, compared to just under £25 for the R3000's nine ink set, and paper is also more expensive when you increase the size. Having said that, the 3880's cartridges are significantly larger, so they last longer, which can cancel out the price difference in the long run (although shelling out almost £50 for a cartridge can still be hard to swallow). So, before comparing brands, I would suggest that you first decide on a format. Then we can start to narrow down your options. **Chris Gatcum**

CONVERTING ADVICE

A Further to your answer to Andrew Herbert's question about converting files in *Ask AP* (AP 23 November), I would like to offer the following information. I have a PC running Windows 8.1 and have used XnView software for some time. This has the ability to show all raw files that I have come across, including Fuji RAF, DNG, Nikon, Canon and Sony ARW types of differing vintages. It

also works fine for cataloguing, showing thumbnails and providing an enlarged view of any specifically selected file. It is available to download free of charge at www.xnview.com.

I have also downloaded the Adobe DNG Codec 2.0 and this seems to work fine, despite no guarantee about it working with Windows 8.1. The biggest difficulty is that Adobe tries to hide its download location. **R J Parnell**

ASK...

Be it about modern technology, vintage equipment, photographic science or help with technique, here at AP we have the team that can help you. Simply email your questions to: apanswers@ipcmedia.com, via twitter (@ap_answers) or by post to: **Ask AP, Amateur Photographer Magazine, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU.**

PHOTOS ON THE STREET

A In your reply to June Ryan's query about street photography (*Ask AP*, AP 16 November), I believe that Chris Gatcum overstated the requirement to have signed release forms (model and/or property) when selling images via stock libraries. Specifically, he stated that, '...stock libraries insist that photographers have a release form for any shots that contain a recognisable subject' and concludes later that, 'If she intends to sell via libraries, then it is essential'.

While I agree that it is advisable to get a release form signed if there is any possibility of an image being used commercially, I believe there is no requirement if the image is to be licensed as rights managed (see *Glossary*) and restricted to editorial use only. This is certainly the case with the Alamy stock library through which I have sold nearly 80 RM licences since 2007 without a single model/property release.

I only mention this as Chris Gatcum's advice is likely to lead many people, including June's daughter, to ignore an excellent opportunity to supplement their income or, like me, to finance an expensive hobby.

John Cairns

A My apologies if you feel I overstated the requirements – the last thing I'd want to do is put anyone off making money with their camera. In fact, I'd like to do the opposite. You're right that Alamy (and other libraries) will allow you to sell images without a model/property release if they're restricted to an 'editorial-use-only' licence, which is great, but there are a few things to bear in mind.

First, not all libraries offer this choice, and even those that do won't guarantee that an image is 'safe' to use. Because of this, some potential buyers will only buy images that are covered by a release, even if they are marked as 'editorial use only'. So, while a release might not be essential for all libraries and all markets, my advice is still to get one wherever possible (and practical), as it will provide you with far more options as to where, how and to whom an image can be sold. **Chris Gatcum**

It is not illegal to photograph people on the street provided they are in a public place



AP GLOSSARY

Image licences

In the first of a two-part *Glossary*, we look at rights-managed image licences

If you plan to sell your photographs through an image library, it's a good idea to familiarise yourself with the library's terms and conditions. Individual libraries will have different terms, but when it comes to licensing your photographs there are usually two options: rights managed (RM) and royalty free (RF). I will look at rights-managed licences this week, and royalty-free licences next week.

RIGHTS-MANAGED IMAGES

are licensed for a single use, so the person (or company) who wishes to use the image has to specify how and where it will be used – in a magazine or book, or on a poster or billboard, for example. The fee paid to use the image will not only vary depending on the use (the licence to use an image on a billboard would typically be more expensive than using it in a magazine), but also on a wide range of other criteria. This may include

where it will be used (one country, a number of countries or globally, for example), how long the licence will run for, how many copies of the image will be made, how big the image will be used and so on. Depending on the client's specific requirements, it may even be that the picture is licensed exclusively for a set period of time so no one else can use it at the same time.

From a photographer's perspective, the exclusive nature of the image means that a much higher price is paid compared to a royalty-free image, and that means the photographer's return is also higher. Photographers can also stipulate if there are any restrictions they want to place on their image, such as things they won't allow it to be used for or associated with. However, as rights-managed images are more expensive (and more exclusive), the quantity of sales may be relatively low.

FILM OWNERSHIP

Q Recently, I bought two film cameras that had part-exposed 35mm films in them. This raises the question of who owns the film and any subsequent prints made from it. Does the film belong to the buyer of the camera, unless the seller can genuinely claim that they left the film in by mistake? If so, and the buyer has the film processed, can he/she later use the images – to sell or enter in competitions, for example?

My practice is to destroy the film immediately by taking it out of the cassette. This is partly to avoid any temptation to do

anything further with the film, but mainly because if there is anything embarrassing or pornographic on it I do not want to get into any sort of ownership issue.

Richard Bond, Hampshire

A This is an interesting question, and I must confess that I've been unable to find a definitive answer. However, my interpretation of the situation would be that while the buyer of the camera would own the film within it, the *copyright* of the latent images would belong to the person who created them. This would suggest that while the buyer would be free to do what they like with the actual film, they would be breaching the photographer's copyright if they tried to use the images on it.

Think of it like buying a painting from a local art gallery – you are buying the canvas and the paint on it. You are not buying the right to make multiple copies to sell (the equivalent of selling prints from the film in this instance), or the right to enter the painting into a competition.

But how can someone prove they are the copyright holder of an image when they don't own or possess the film that the images are on? And how can someone know that an image is theirs when they haven't actually seen it before, other than through the camera's viewfinder? Unless there is something very specific in the shot (friends and relatives, perhaps), I would suggest that it might even be impossible to know for certain. **Chris Gatcum**



Panasonic

DSLR*

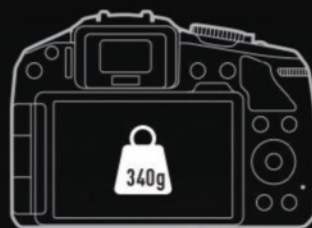
LEAVE IT AT HOME



Vs

LUMIX G

TAKE IT EVERYWHERE



FASTER, CLOSER, SMARTER

CHANGING PHOTOGRAPHY **G**

See how LUMIX G punches above its weight at panasonic.co.uk/lumixg

*Similarly priced DSLR vs. LUMIX G6, correct as at 14/06/13.

amateur Photographer

BE SURE
TO RATE &
REVIEW US
★★★★★

GET IT ON THE MOVE

Download the digital edition today!
www.amateurphotographer.co.uk/digital-edition



Download on the
App Store

kindle fire

nook
by Barnes & Noble

zinio™



DxO Optics Pro 9

Vincent Oliver tests the latest update of DxO's image-correction software

SHOOTING in the raw file format produces the best results from a digital camera, but processing raw files can be time-consuming and arduous. DxO Labs has launched a new version of an application that helps process and enhance digital photos quickly. DxO Optics Pro 9 has several tools for automatically processing both raw and JPEG images, including optical and geometric corrections, intelligent optimisation of exposure and contrast, noise reduction, and preservation of colours and details. DxO Optics Pro 9 also includes a library of 30 presets that can be adapted to your personal preferences to bring out the best quality from your photos with a few clicks.

When DxO Optics Pro 9 is launched, the interface opens in Organize mode. This is a hierarchy display of your computer's folders. If you click on a folder containing images the photos appear in the Navigation panel at the bottom of the screen. This can be 'undocked' and viewed on a second monitor

if desired. JPEG, raw, TIFF and DNG (8-bit and 16-bit) file formats are supported, although Photoshop PSD and other native formats are not. DxO has more than 15,000 camera and lens combinations in its database and will optimise photos based on the Exif information for the camera and lens combination used. If the software detects that a camera and lens combination isn't on a computer, it will automatically connect to the DxO database and download that module. Most current cameras and lenses are supported, and new cameras are added to the database regularly. However, disappointingly, the popular Fujifilm X-Trans format isn't.

Once an image is selected, you can click on the Customize button to reveal the image in the full editing workspace. The software analyses the image to see which corrections are necessary and will automatically make the appropriate changes. These include lens corrections to take care of any optical distortions, vignetting, lens softness, lateral

Above: The original raw file with no processing applied and the image optimised with DxO Optics Pro 9, lens corrections and Smart Lighting

NEW FEATURES

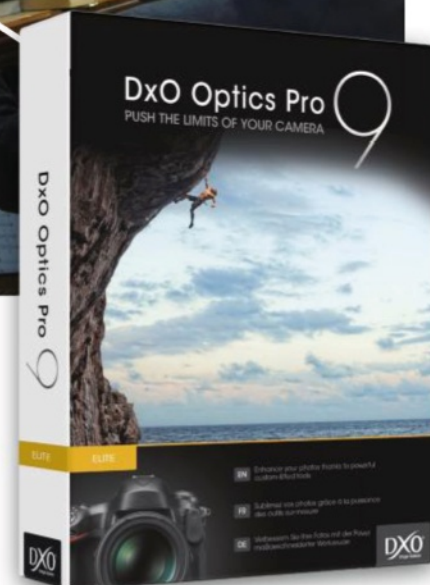
- DxO Smart Lighting
- Redesigned library of presets
- Redesigned workspace
- PRIME noise reduction

and longitudinal chromatic aberrations.

The toolbars are arranged in a logical display, although at first glance the sheer number of palettes and controls may seem overwhelming. However, tool palettes that are not being used can be collapsed or hidden by deselecting them via the top palette's drop-down menu.

The main preview window is where selected corrections are applied, and photos can be displayed as a whole image or as a 'before' and 'after' view. The Move Zoom palette enables photos to be magnified from 1% through to 1600% and to fit the screen. Zooming can also be carried out via the scroll wheel on a mouse.

Below the main preview window is Image properties. This provides all the Exif data of the selected image. The Preset Editor palette enables a built-in preset to be applied, a new preset folder created, presets to be imported or exported, or a custom preset to be created from the settings that have been applied to the image. For



Minimum system requirements

Microsoft Windows

Operating system: Microsoft Windows Vista (32-bit or 64-bit), Microsoft Windows 7 (32-bit or 64-bit), Microsoft Windows 8 (32-bit or 64-bit), Microsoft Windows 8.1 (32-bit or 64-bit).

Processor: Minimum: Intel Core 2 Duo, AMD Athlon 64 X2 or higher. Recommended: Intel Core i5, AMD Phenom II X4 or higher.

Disk space: 2GB minimum (6GB recommended). **RAM:** 2GB minimum (8GB recommended). **Graphics card:** For GPU acceleration support a memory card supporting DirectX 9.0c is required and 512MB of video memory (VRAM) is recommended. For OpenCL acceleration support NVIDIA GeForce 460 or higher. ATI Radeon HD 58xx or higher.

To process raw images larger than 20MP, a 64-bit operating system with 8GB of RAM is strongly recommended. To process Nikon D800/D800E raw images, a 64-bit machine is required. A machine equipped with a 4-core processor is strongly recommended.

Mac OS X

Operating system: Mac OS X 10.6 (Snow Leopard), 10.7 (Lion), 10.8 (Mountain Lion), Mac 10.9 (Mavericks). **Processor:** Mac Intel only, 64-bit compatible (recommended: Intel Core i5 or higher). **Disk space:** 2GB minimum (6GB recommended). **RAM:** 2GB minimum (8GB recommended). **Graphics card:** 512MB of video memory is recommended to support GPU acceleration. To process raw images larger than 20MP, a 64-bit operating system with 4GB of RAM is strongly recommended. To process Nikon D800/D800E raw images, a 64-bit machine is required. A machine equipped with a 4-core processor is strongly recommended.

batch processing, select a range of images in the navigation palette and apply a preset.

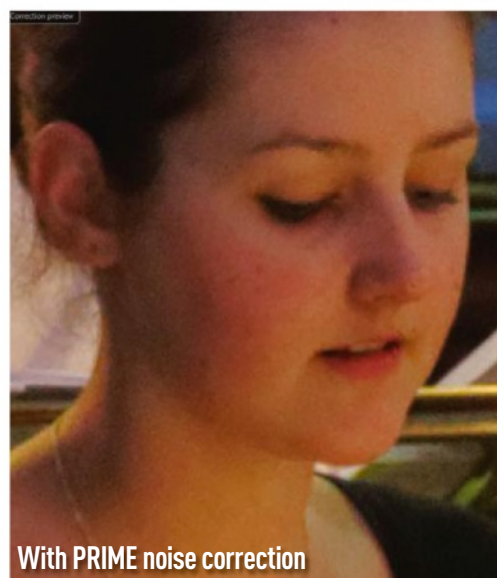
On the right-hand side are the processing-tool palettes comprising the Histogram, Essential Tools, Light and Colour, Detail and Geometry, and Optical Corrections. Each palette can be expanded to reveal a variety of adjustment tools.

DxO Optics Pro 9 has a redesigned interface to help the user make corrections efficiently. Palettes are displayed on the right-hand side by default, but can be dragged out to float and the order changed. Palettes not in use can be collapsed or hidden. You can also create your own custom palette of frequently used or favourite correction tools. Most palettes include a context-sensitive help button, which gives a brief overview of what the tool does.

PRIME (Probabilistic Raw Image Enhancement) noise reduction is one of the new features in the Essential Tools Palette. This analyses the structure of raw images and differentiates between noise and fine



No noise correction



With PRIME noise correction

details. In effect, this produces a gain in image quality. PRIME basically provides the image quality equivalent of up to an extra stop. This means you can shoot at a higher ISO and get the same results that are obtained by shooting at a lower ISO.

PRIME noise reduction removed all the visible noise on our test image, although some fine detail such as hair did look a bit softer than the original. I found that PRIME worked best on larger areas of solid colours. PRIME is only available with raw image files. For JPEG files, you can still obtain excellent results by using the High Quality setting. The processing time on our 34MB raw file using the High noise reduction was 4secs. When using PRIME, the processing time increased to 1min 7secs. Compared to other dedicated noise-reduction software, the DxO PRIME produced excellent noise reduction. It managed to preserve colour saturation, particularly in shadow areas, and maintained a high level of texture detail.

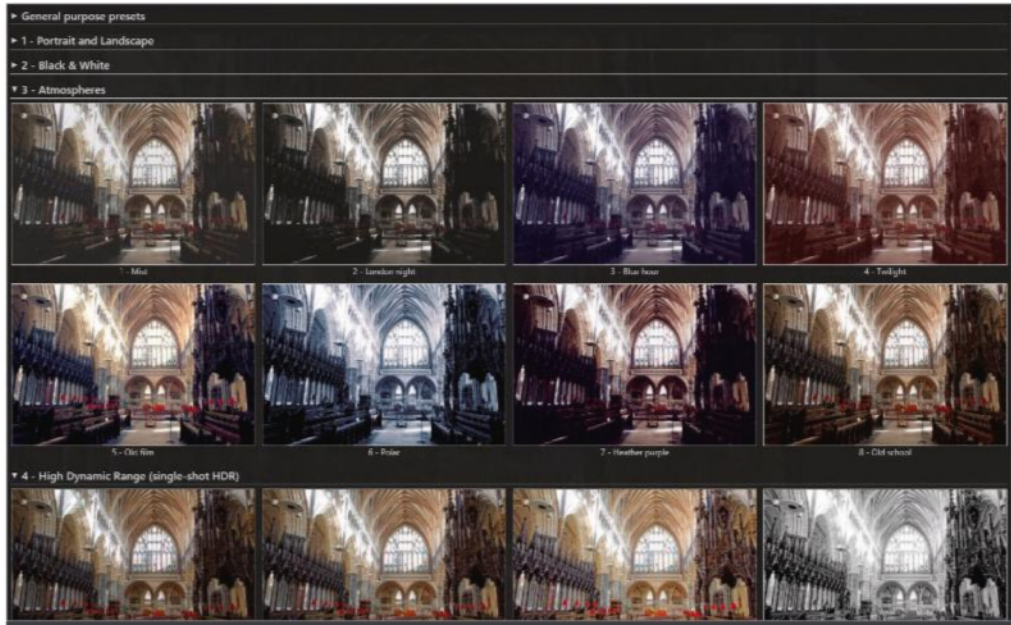
Another new feature is DxO Smart Lighting. The Smart Lighting palette has five

Top: The full DxO interface with Navigation panel at the base

Above: A detail shot without noise correction and with PRIME noise correction applied. Note the slight softening of hair detail, which can be recovered with a small amount of the Unsharp Masking filter

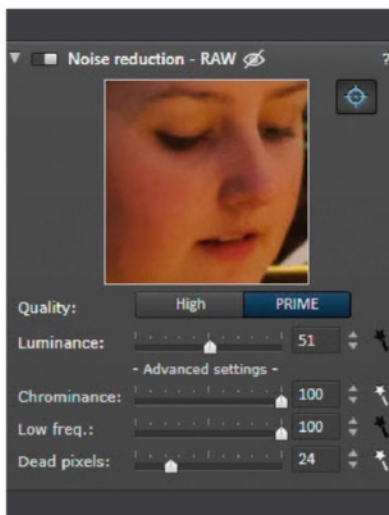
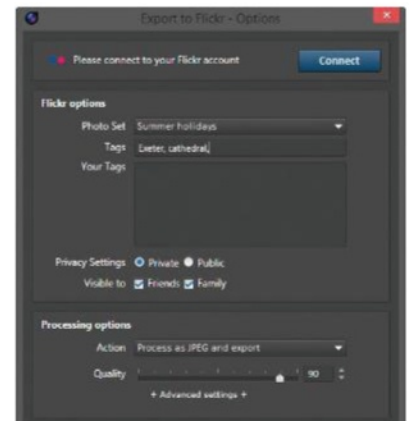
settings: Slight, Medium, Strong, Custom and DxO Optics Pro 7. There is a slider that allows you to vary the intensity from 0 to 200, which is available on all the settings by moving the slider to obtain the desired result. This recovers highlights and unblocks shadow details that may have been previously thought of as lost. The filter works best with raw files, but will also work with JPEGs. I wasn't overly impressed by this new addition, and although it did work up to a point it lacked any fine control beyond the slider. However, the user manual suggests that the Smart Lighting filter can be fine-tuned when used with the Selective Tone palette or Light and Colour – Advanced palette. As the combined filters produced a better result, I would have liked the controls to be within the Smart Lighting palette.

The last option, DxO Optics Pro 7, expands the options available to include three Corrections – Auto slight, Medium and Strong – as well as an intensity slider, black and white point sliders, brightness and contrast sliders.

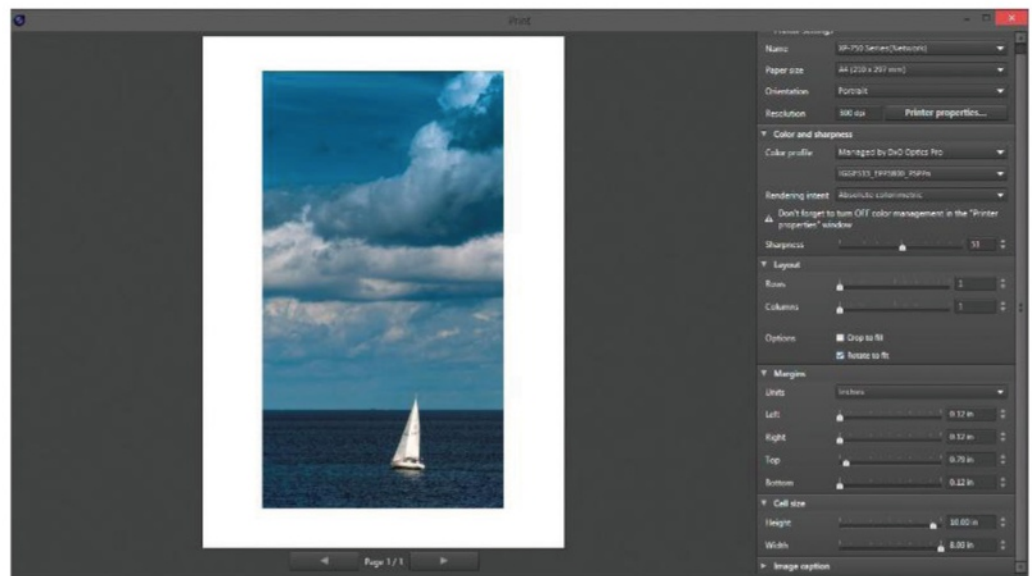


Left: The new Presets display showing Atmospheres thumbnails

Below: Images can be uploaded to Flickr together with tags and privacy settings. Other social network sites will be added at a future date



Above: The PRIME noise reduction palette is only available with raw files



Above: The Print option allows images to be printed directly from within DxO Pro 9 with plenty of user control

DxO Optics Pro 9 offers a redesigned library of presets that includes Portrait, Landscape, Black & White and Single Shot HDR as well as a new set of creative renderings called Atmospheres. Presets appear as large thumbnails displaying the effect applied to your image. Just click on a preset that works for you and it is applied. From here you can make further adjustment and then save the settings as a new preset, which will then be added to the library for future use. I liked the simplicity of the library, and it's a feature that will be used frequently by many photographers.

The Single Shot HDR preset produces a similar effect to that obtained by shooting multiple exposures, which are then combined to make up a HDR (High Dynamic Range) photo. The options are: HDR – slight, HDR – realistic, HDR – artistic and HDR – B/W. The effects are perhaps not as pronounced as those obtained by shooting multiple exposures, but nevertheless each one added something extra to the photo, which can be useful as a starting point.

DxO Optics Pro 9 is available for both Mac and Windows from **www.dxo.com**, price **£119 (Standard Edition)** or **£239 (Elite Edition)**. A fully functional one-month trial version is available

When you have finished processing images you can Export to Disk. This generates JPEG, TIFF and DNG files to a folder of your choice. You can export the same file in different file formats or image dimensions to separate folders or drives with a single click. This is an ideal way to back up images. The Export to Application option sends the file directly to your selected image-editing application. The file is processed and can be sent as a JPEG, TIFF or DNG file. The last option is to send the file directly to a Flickr account, and you have the facility to add tags and privacy options. DxO will be adding other social network sites in future updates or editions.

The last feature is Print, where you can send the file directly to a printer. There are plenty of options available, including ICC profile selection for colour-managed printing. One notable missing feature is the ability to centre the image on a page, although by carefully altering the margins and image size you can manually reposition the image. **AP**

Verdict

DXO Optics Pro 9 is a feature-rich image-processing application that excels in camera and lens-specific corrections. It produced excellent results on every image throughout our extensive test. DxO Optics Pro 9 offers significantly more control than Adobe Camera RAW and the results speak for themselves.

Once you have tried it, we believe you will not want to use anything else.



Marketplace

Dealer and Classified Guide

To advertise please call 020 3148 2508 Fax 020 3148 8155 e-mail julia_spencer@ipcmedia.com

Index to advertisers

Campkins Camera Centre Ltd.....78	Bernard Hunter Books.....47	Premier Ink & Photographic 68-69
Camtech.....59		
Camera Centre Cardiff..... 72-73	John Lewis Partnership..... Cover: ii	RK Photographic84
Cash4cameras78		
Carl Zeiss Ltd9	Kood International..... 76-77	Sigma Imaging (UK) Ltd.....22
Clifton Cameras.....4		SRS Ltd.....58
Colour Confidence31	London Camera Exchange.....39	Swains International Plc25
Dale Photographic Ltd.....60	Mathers of Lancashire67	Wex Photographic..... 64-66
	Mifsud Photographic 70-71	Wilkinson Cameras83
Ffordes Photographic Ltd..... 74-75		
Fotosense.....47	Olympus UKCover:iv	York Cameras78
Grays of Westminster..... 16-17, 47	Park Cameras Ltd..... 61-63, Cover: iii	Classified.....79-81



SRS Microsystems

www.srsmicrosystems.co.uk

Mail Order Hot Line 01923 226602

90-92 THE PARADE, HIGH STREET, WATFORD, HERTS. WD17 1AW

WANT TO UPGRADE?

We buy digital SLR lenses & cameras! Call us for a price today

We now have all our second hand equipment on our website

Independent Retailer of the Year winner at this year's Pixel Trade Awards

PENTAX K-3



Weather resistant body with 92 protection seals
24 MP stabilised AA filter-less CMOS sensor
Full HD recording with 60/30 fps frame rate
Continuous shooting 8.3 fps up to 60 JPEG and 23 RAW
SAFOX 11 AF module with 27 AF points (25 cross)
86000 pixels RGB exposure meter
Sensitivity up to 51200 ISO
Dual SD card slot

Minimum £100 in Part-Exchange with SRS

PENTAX

DA* 16-50mm F2.8 ED SDM £791
DA* 50-135mm F2.8 ED SDM £949
DA* 55mm F1.4 ED SDM £601
DA* 60-250mm F4 ED SDM £1041
DA* 200mm F2.8 ED SDM £749
DA* 300mm F4 ED SDM £899
HD DA 15mm F4 Limited £509
HD DA 21mm F2.2 Limited £509
HD DA 35mm F2.8 Macro Limited £565
HD DA 40mm F2.8 Limited £379
HD DA 70mm F2.4 Limited £569
HD DA 55-300mm F4-5.8 WR £399
HD DA 560mm F5.6 AW £5450
10-17mm F3.5-4.5 Fisheye £399
12-24mm F4 Lens £739
17-70mm F4 SDM £489
18-135mm F3.5-5.6 DC WR £329
18-270mm F3.5-6.3 SDM £449
35mm F2.4 £149
50mm F1.8 £119
50mm F2.8 Macro £399
50-200mm F4-5.6 WR £139
55-300mm F4-5.8 £299
100mm F2.8 WR Macro £579
FA 31mm F1.8 Limited £1041
FA 43mm F1.9 Limited £695
FA 50mm F1.4 £289
FA 77mm F1.8 Limited £791

Canon

5D Mark III Body £2335
7D Body £1099
7D + 15-85mm IS USM Lens £1499
7D + 18-135mm IS USM Lens £1279
60D Body £619
60D + 18-55mm IS Lens £699
60D + 18-135mm IS USM Lens £829
650D Body £529
650D + 18-55mm IS Lens £569
1100D Body £229
1100D + 18-55mm IS Lens £299
15-85mm IS USM Lens £499
18-55mm IS Lens £89
18-135mm IS USM Lens £229
24-105mm IS USM Lens £649

SIGMA

8-16/4.5-5.6 DC HSM £549
10-20/4.5-5.6 EX DC HSM £399
10-20/2.8 EX DC HSM £459
105/2.8 EX Macro DG HSM OS £549
120-400/4.5-5.6 APO OS £699
12-24/4.5-5.6 II DG HSM £679
120-300/2.8 EX DG OS HSM £2049
150-500/5.6-6.3 APO DG OS £799
17-50/2.8 EX DC OS HSM £559
17-70/2.8-4.5 DC OS £349
18-50/2.8-4.5 DC OS HSM £179
18-125/3.5-5.6 DC OS £259
18-250/3.5-6.3 DC HSM OS £399
18-300/4.5-6.3 EX DG Macro £309
24-70/2.8 IF EX DG HSM £599
30/1.4 EX DC £379
4.5/2.8 EX HSM Circular Fisheye £597
50-150/2.8 EX DC M2 £565
50-500/4.5-6.3 DG HSM OS £1249
50/1.4 EX DG HSM £379
50/2.8 Macro DG £269
50-200/4.5-6.3 DC OS HSM £235
70-200/2.8 EX APO DG £599
70-200/2.8 EX DG OS HSM £899
70-300/4.5-6.3 APO DG Macro £179
70-300/4.5-6.3 Macro Super DG £129
70-300/4.5-6.3 DG OS £299
70/2.8 EX Macro DG £369
85/1.4 EX DG HSM £699
EF 610 DG ST Flash £159
EF 610 DG SUPER Flash £229

OLYMPUS

9-18mm F4-5.6 Lens £479
12mm F2 Lens £529
15mm F8 Body Cap Lens £69
17mm F1.8 Lens £369
20-150mm F2.8-4.0 Lens £169
20-150mm F4-5.6 M5C Lens £169
45mm F1.8 Lens £219
60mm F2.8 Macro Lens £369
75mm F1.8 Lens £709
75-300mm F4.8-6.7 II Lens £385



IN STOCK



IN STOCK

Nikon
10-24/3.5-4.5 AF-S DX £639
105/2.8G AF-S VR Macro £629
12-24/4 AF-D DX £849
16-35/4G VR AF-S £1315
16-35/4G VR AF-S £829
16-85/3.5-5.6 VR AF-S DX £439
17-55/2.8 IF ED AF-S DX £1099
18-105/3.5-5.6G AF-S VR £175
18-200/3.5-5.6 VR II AF-S DX £389
18-300/3.5-5.6 VR AF-S DX £679
18-55/3.5-5.6G AF-S VR £119
24/1.4G AF-S ED £1549
24-70/2.8G AF-S ED £1245
24-85/3.5-4.5G AF-S VR £429
24-120/4G AF-S VR IF £819
28-300/3.5-5.6G ED VR AF-S £669
35/1.4G AF-S £1399
35/1.8G AF-S £159
40/2.8G Micro AF-S DX £199
50/1.4G AF-S ED £279
50/1.8G AF-S £114
50/1.8G AF-S £159
55-200/4.5-5.6G AF-S DX VR £169
55-300/4.5-5.6G ED VR AF-S DX £325
60/2.8 AF-S Micro £399
70-200/2.8G VR II AF-S £1599
70-300/4.5-5.6G AF-S VR £399
85/1.4G AF-S £1199
85/1.8G AF-S £379
85/1.5G ED VR AF-S DX Micro £375
SB 700 Flash £229
SB 910 Flash £339



From £729



From £449



From £871



Call for availability



7-14mm F4 £899
25mm F1.4 Leica DG £429
12-35mm F2.8 X Vario OIS £899
14-42mm F3.5-5.6 OIS £79
14-42mm F3.5-5.6 X Vario PZ OIS £279
14-140mm F3.5-5.6 OIS £249
20mm F1.7 II £299
35-100mm F2.8 X Vario OIS £249
45-175mm F4-5.6 X Vario PZ OIS £329
45mm F2.8 Leica DG OIS £549
45-200mm F4-5.6 OIS £249
100-300mm F4-5.6 OIS £429



From £329



From £399



From £841



FROM £749

Digital Photography

CANON EOS 70 BODY WITH ACCESSORIES	MINT-BOXED £645.00
CANON EOS 50 BODY COMPLETE WITH ALL ACCESS.	MINT-BOXED £479.00
CANON EOS 50 BODY COMPLETE WITH BATT & CHGR	EXC++ £375.00
CANON EOS 300 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £199.00
CANON EOS 300 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £129.00
CANON EOS 4000 COMPLETE WITH ACCESSORIES	MINT-BOXED £199.00
CANON EOS 4000 + GRIP WITH IN-CAD BATT & CHGR	EXC++ £175.00
CANON EOS 5000 + 18-55 LENS WITH 3 BATTERIES	EXC++ BOXED £245.00
CANON EOS 1000D BODY WITH CANON 18-55 LENS	MINT £175.00
CANON POWERSHOT G9 + BATTERY AND CHARGER	MINT £155.00
CANON 380 EX SPEEDLIGHT	EXC++ £79.00
CANON 420 EX SPEEDLIGHT	MINT-BOXED £95.00
CANON 430 EX II SPEEDLIGHT MK II LATEST	MINT-BOXED £169.00
SIGMA EM-140 DG ED-ETTL MK II MACRO FLASH	MINT-BOXED £269.00
CANON BG-E1 BATT GRIP FOR EOS 300D	MINT-BOXED £35.00
CANON BG-E2 BATT GRIP FOR EOS 20D/30D/40D	MINT £49.00
CANON BG-E3 BATT GRIP FOR EOS 50D/50D/40D	MINT-BOXED £39.00
CANON BG-E4 BATT GRIP FOR EOS 50D/40D	MINT-BOXED £39.00
CANON ST-E2 SPEEDLIGHT TRANSMITTER	MINT-BOXED £129.00
FLUJI X100 COMPLETE WITH FLUJI E/R CASE	MINT BOXED £545.00
FLUJI 18mm 1:2 FLUJINON FOR X MOUNT FLUJI	MINT BOXED AS NEW £319.00
NIKON D800 BODY COMPLETE ONLY 160 ACTUATIONS	MINT BOXED £1,625.00
NIKON D700 BODY COMPLETE WITH ACCESSORIES	MINT BOXED £989.00
NIKON D700 BODY COMPLETE WITH ACCESSORIES	EXC++ BOXED £985.00
NIKON D600 COMP WITH 24-85 VR LENS ONLY 783 ACTS	MINT BOXED £1,299.00
NIKON D600 BODY COMPLETE ONLY 783 ACTUATIONS	MINT BOXED £989.00
NIKON D7000 BODY COMPLETE ONLY 445 ACTUATIONS	MINT BOXED AS NEW £689.00
NIKON D300 BODY KIT COMPLETE + ALL ACCESSORIES	MINT-BOXED £399.00
NIKON D90 BODY COMPLETE WITH ALL ACCESSORIES	MINT-BOXED £299.00
NIKON D200 BODY KIT COMPLETE WITH ALL ACCESS	MINT-BOXED £245.00
NIKON D3000 BODY COMPLETE WITH ACCESSORIES	MINT BOXED £149.00
NIKON D80 BODY COMPLETE WITH ALL ACCESS	MINT BOXED £195.00
NIKON D80 BODY COMPLETE WITH ACCESS	EXC++ £159.00
NIKON D70 BODY COMP WITH NIK 18-70 AFS LENS	MINT BOXED £275.00
NIKON D70 BODY WITH ACCESSORIES	MINT BOXED £159.00
NIKON D60 BODY COMPLETE WITH ALL ACCESSORIES	MINT BOXED £185.00
NIKON D40 BODY WITH NIKON 18-55 MM + ACCESS	MINT BOXED £179.00
NIKON J1 COMPLETE WITH 10 - 30 LENS & CHARGER	MINT £175.00
NIKON MB-D10 BATTERY GRIP FOR D300/D300/700	MINT £169.00
NIKON MB-D200 BATT GRIP FOR NIKON D200	MINT BOXED £75.00
NIKON MB-D80 BATT GRIP FOR NIKON D80/D90	EXC++ £50.00
NIKON SB850 DX SPEEDLIGHT COMPLETE	MINT-BOXED £129.00
NIKON SB80 DX SPEEDLIGHT WITH MANUAL	MINT-BOXED £125.00
NIKON SB800 SPEEDLIGHT + CASE	MINT-CASED £175.00
NIKON SB700 SPEEDLIGHT	MINT-BOXED £189.00
NIKON SB600 SPEEDLIGHT	MINT-BOXED £159.00
SIGMA 140 DG MACRO FLASH TTL FOR NIKON	MINT BOXED £245.00
SIGMA EF-500 DG ST ELECTRONIC FLASH HI NIKON FIT	MINT BOXED £75.00
NIKON SC 28 TTL REMOTE CORD	MINT £49.00
OLYMPUS 10-20mm f4.5/6.3 EX HSM FOR OLYMPUS 4/3rds	MINT+HOOD £299.00
OLYMPUS 10-20mm f4.5/6.3 BATTERY GRIP FOR E620 BODY	MINT £45.00
OLYMPUS 12 - 40mm f3.5/5.6 SWD ZUIKO DIG ED 4/3rds	MINT CASED £575.00
OLYMPUS 14 - 45mm f3.5/5.6 SWD ZUIKO DIG ED 4/3rds LENS	MINT+HOOD £599.00
OLYMPUS 14 - 42mm f3.5/5.6 MK II "R" MSC MICRO 4/3rds	MINT AS NEW £165.00
OLYMPUS 17mm f2.8 M ZUIKO MICRO FOUR THIRDS	MINT BOXED £165.00
PANASONIC G1 BODY COMPLETE WITH ALL ACCESS	MINT-BOXED £189.00
PANASONIC G2 BODY COMPLETE WITH ALL ACCESS	MINT BOXED £145.00
PANASONIC 20mm f1.7 LUMIX G MAGE STABILIZER	MINT BOXED £259.00
PANASONIC 14 - 45mm f3.5/5.6 LUMIX G OIS MICRO 4/3rds	MINT £175.00
PANASONIC 45 - 40mm f4.5/5.6 LUMIX VARIO MICRO 4/3rds	MINT BOXED £185.00
PANASONIC 100 - 300mm f4.5/5.6 LUMIX G MICRO 4/3rds	MINT BOXED £319.00
PENTAX Q BODY + PENTAX 5 - 15mm LENS AS NEW	MINT BOXED £145.00
METZ 48 AF-1 FLASH UNIT FOR OLYMPUS/PANASONIC	MINT-BOXED £299.00
SONY ALPHA 28 - 75mm f2.8 SAM LENS	MINT BOXED £99.00
SIGMA 18 - 200mm f3.5/6.3 DG SLD GLASS FOR SONY	MINT BOXED £125.00
SONY ALPHA HVL-F36AM FLASH GUN	MINT CASED £145.00

Canon Autofocus, Digital Lenses, Canon FD

CANON EOS 1NRS BODY	MINT- £325.00
CANON EOS 1NRS	MINT-BOXED £199.00
CANON EOS 1 BODY	EXC++ £115.00
CANON EOS 3 BODY	EXC++ £125.00
CANON EOS 5 BODY	EXC++ £59.00
CANON 20 - 35mm f2.8 USM "L" MK1 + HOOD	MINT- £575.00
CANON 24 - 70mm f2.8 USM "L" MK1 + HOOD	MINT- CASED £799.00
CANON 24 - 105mm f4 USM "L" IS - HOYA PRO FILT	MINT BOXED £575.00
CANON 70 - 200mm f4 USM "L" IMAGE STABILIZER	MINT BOXED £799.00
CANON 70 - 300mm f4.5/5.6 USM IMAGE STAB D LENS	MINT BOXED £599.00
CANON 100 - 400mm f4.5/5.6 USM "L" IMAGE STABILIZ	MINT BOXED £995.00
CANON 180mm f3.5 USM "L" MACRO LENS	MINT BOXED £945.00
CANON 300mm f4 USM "L" IMAGE STABILIZER	MINT BOXED £945.00
CANON 40mm f2.8 STM LENS	MINT BOXED £139.00
CANON 50mm f1.8 MKII	MINT-BOXED £69.00
CANON 60mm f2.8 EF-S USM MACRO	MINT BOXED AS NEW £295.00
CANON 100mm f2.8 USM MACRO + HOYA UV FILTER	MINT BOXED £299.00
CANON 15 - 85mm f3.5/5.6 USM IMAGE STABILIZER	MINT BOXED £495.00
CANON 17 - 55mm f2.8 USM IMAGE STABILIZER	MINT BOXED £575.00
CANON 17 - 85mm f4.5/5.6 IMAGE STABILIZER	MINT £189.00
CANON 18 - 55mm f3.5/5.6 MK II	MINT £59.00
CANON 18 - 55mm f3.5/5.6 IS MK II IMAGE STABILIZER	MINT £99.00
CANON 20 - 35mm f3.5/4.5 USM	MINT £175.00
CANON 28 - 80mm f3.5/5.6 USM MK V	MINT £49.00
CANON 28 - 90mm f4/5.6 USM	MINT £69.00
CANON 28 - 105mm f3.5/4.5 USM	MINT £125.00
CANON 35 - 80mm f4/5.6 EF MKII	MINT £39.00
CANON 70 - 300mm f4.5/5.6 USM IMAGE STAB DO LENS	MINT BOXED £599.00
CANON 75 - 300mm f4.5/5.6 USM IMAGE STABILIZER	MINT- £199.00
CANON 75 - 300mm f4.5/5.6 USM IMAGE STABILIZER	MINT £295.00
CANON 75 - 300mm f4.5/5.6 + HOOD	MINT £299.00
CANON 75 - 300mm f4.5/5.6 MK II	MINT BOXED £99.00
CANON 52mm CLOSE UP LENS TYPE 250D	MINT BOXED £49.00
KENCO DG CANON FIT TUBE SET 12,20,36mm	MINT BOXED £59.00
CANON EF 2.0x EXTENDER MK I	MINT CASED £199.00
CANON EF 2.0x EXTENDER MK II	MINT BOXED £239.00
KENCO TELEPLUS PRO 300 DSG 1.4 TELECONVERTER	MINT BOXED £159.00
KENCO TELEPLUS PRO 300 DSG 2.0 TELECONVERTER	MINT BOXED £165.00
TELEPLUS MC7 T ELEMENT Z TELECONVERTER	MINT- £89.00
CANON 540 EX FLASH + INST	MINT BOXED £59.00
CANON 540 EX FLASH + INST	MINT CASED £59.00
CANON 420 EX FLASH	MINT CASED £39.00
CANON ST-E2 SPEEDLIGHT TRANSMITTER	MINT BOXED £125.00
CANON ANGLE FINDER B	MINT BOXED £79.00
CANON LC3 TRANSMITTER AND RECEIVER	MINT £115.00
CANON PB-E1 BOOSTER FOR EOS 1/3 etc	MINT- £69.00

SIGMA 4.5mm f2.8 EX DC HSM CIRCULAR FISHEYE	MINT CASED £499.00
SIGMA 8mm f3.5 EX DG FISHEYE SLD GLASS	MINT BOXED AS NEW £445.00
SIGMA 10mm f2.8 EX DC FISHEYE HSM	MINT BOXED £345.00
SIGMA 20mm f1.8 EF DG ASPHERIC RF (LATEST)	MINT BOXED £325.00
SIGMA 20mm f1.8 EX DG ASPHERIC RF (LATEST)	MINT- £285.00
SIGMA 105mm f2.8 EX DG MACRO SUPERB SHARP LENS	MINT BOXED £345.00
SIGMA 180mm f3.5 APO MACRO DG SUPERB LENS	MINT-BOXED £375.00
SIGMA 60mm f2.8 MIRROR LENS MC MACRO	EXC++ £35.00
SIGMA 12 - 24mm f4.5/5.6 EX DG HSM MKII LATEST	MINT BOXED £345.00
SIGMA 12 - 24mm f4.5/5.6 EX DG HSM MKII LATEST	MINT BOXED £419.00
SIGMA 20 - 40mm f2.8 EX ASPHERICAL DG	MINT BOXED £245.00
SIGMA 24 - 70mm f2.8 EX DG MACRO + HOOD	MINT- CASED £299.00
SIGMA 28 - 300mm f3.5/6.3 ZOOM MACRO	MINT+HOOD £79.00
SIGMA 70 - 300mm f4.5/6.3 APO MACRO + HOOD	MINT- £59.00
SIGMA 170 - 500mm f5.6/3 APO COMP WITH HOOD	MINT-BOXED £395.00
TAMRON 90mm f2.8 SP A/F DI MACRO 1:1	MINT BOXED £279.00
TAMRON 10 - 24mm f3.5/4.5 Di II LD A/F ASPHERIC	MINT BOXED £279.00
TAMRON 55 - 200mm f4.5/6.3 LD MACRO DI II	MINT BOXED £35.00
TOYOKU 10 - 17mm f3.5/4.5 A-X EX HSM	MINT £345.00
CANON F1 AE BODY 1984 LOS ANGELES OLYMPIC ED	MINT BOXED NEW £1,095.00
CANON AUTO BELLOWS	MINT £69.00

Contax 'G' Compacts & SLR & Ricoh

CONTAX G1 BODY	MINT- £175.00
CONTAX TX3 TITANUM COMPACT + LEATHER CASE	MINT CASED £999.00
CONTAX 21mm f2.8 BIOGON T* WITH FILTER & FINDER	MINT CASED £995.00
CONTAX 90mm f2.8 SONNAR "G" + HOOD	MINT £199.00
CONTAX 90mm f2.8 SONNAR "G" + HOOD	MINT-BOXED £219.00
CONTAX TLA 140 FLASH FOR G1/G2	MINT £45.00
CONTAX TLA 200 FLASH FOR G1/G2	MINT CASED £99.00
CONTAX G01 DATABASE FOR CONTAX T3	MINT-BOXED £99.00
CONTAX SA-1 FLASH ADAPTOR	MINT £55.00
CONTAX AX AUTOFOCUS BODY (RARE NOW)	MINT- £399.00
CONTAX ARIA BODY (STRAP, INSTRUCTIONS)	EXC++ BOXED £199.00
CONTAX FIT YASHICA 28mm f2.8 SUPERB CONDITION	MINT £65.00
CONTAX 28mm f2.8 DISTAGON T* MM	MINT BOXED £295.00
CONTAX 45mm f2.8 TESSAR T* PANCAKE LENS + HOOD	MINT £225.00
CONTAX 50mm f1.4 MM	MINT BOXED £295.00
CONTAX 50mm f1.7 PLANAR AE	MINT £165.00
CONTAX 85mm f1.4 PLANAR MM	MINT £425.00
CONTAX 135mm f2.8 SONNAR T* MM	EXC++ BOXED £195.00
CONTAX 35 - 70mm f3.4 VARIO SONNAR	MINT BOXED £295.00
CONTAX TLA 280 FLASH	MINT- £95.00
RICOH GR1 V DATE COMP + CASE & HOYA FILTER SET	MINT-BOXED £295.00

Leica 'M', 'R' & Screw & Binoculars

LEICA M7 BLACK BODY COMPLETE REALLY NICE	MINT-BOXED £1,399.00
LEICA M4-P 70TH ANNIVERSARY 1913-1983	MINT- BOXED £1,195.00
LEICA M4 P BLACK BODY FOR G1/G2	MINT-BOXED £995.00
LEICA M3 S/W COMPLETE WITH ER CASE	EXC++ £675.00
LEICA M4a BODY SER NO 126593 CIRCA 1970	MINT- £575.00
LEICA M4a BODY SER NO 14111 XJCIRCA 1975-76	EXC++ £475.00
LEICA M11 BODY SER NO 18161X C1945 NEEDS SERVICE	EXC++ £179.00
LEICA III WITH SCOM 13.5 ELMAR	MINT- £575.00
LEICA IIG BODY COMPLETE WITH SCOM 13.5 ELMAR	MINT- £995.00
LEICA CL BODY COMP WITH 40mm f2.8 SUMMARIT	MINT- £775.00
LEICA CL BODY	MINT- £495.00
NIMOTA CLE WITH 40mm f2.8 ROKKOR	EXC++ £499.00
LEICA M4 P BLACK BODY COMPLETE WITH CASE	MINT BOXED £295.00
VOIGTLANDER 28mm f1.9 WITH RING	MINT £355.00
LEICA 50mm f2.8 ELMAR M COLLAPSIBLE LATE BLACK	MINT £295.00
LEICA 50mm f2.5 SUMMARIT 6 BIT LATEST	MINT BOXED £765.00
LEICA 90mm f2.8 SUMMICROM CHROME M	MINT CASED £1,275.00
LEICA 90mm f2.5 SUMMARIT 6 BIT LATEST + HOOD	MINT BOXED £875.00
LEICA 90mm f4 COLL ELMAR M MOUNT	EXC++ IN KEPPER £145.00
LEICA 90mm f4 ELMAR + HOOD	MINT £395.00
LEICA 135mm f2.8 ELMARIT M WITH SPEEDS	EXC++ £275.00
LEICA 135mm f4.5 Hektor + HOOD M MOUNT	EXC++ £399.00
LEICA 135mm f4.5 Hektor M KEPPER	MINT £195.00
LEICA 90mm f4 ELMAR BLACK SCREW	MINT £145.00
LEICA 135mm f4.5 Hektor + HOOD SCREW	EXC++ £39.00
LEICA HANDGRIP FOR M8/M9 etc	EXC++ BOXED £145.00
LEICA WINDER M4-2 FOR M4 etc	MINT-BOXED £145.00
LEICAFLEX SL BODY CHROME	MINT-BOXED £299.00
LEICA 50mm f2.8 SUMMICROM 3 R CAM	EXC++ £345.00
LEICA 180mm f4 ELMARIT R 3 CAM	EXC++ £395.00
LEICA 70 - 210mm f4 VARIO ELMAR R	MINT BOXED £775.00
ANGENIEUX 70 - 200mm f3.5 FOR LEICA R FIT	MINT BOXED £775.00
LEICA MOTORWINDER AND STRAP FOR R6 etc	MINT BOXED £145.00
LEICA 135mm f4.5 Hektor BINOCULARS + CASE	EXC++ £125.00
ZEISS 6x28 BINOCULAR WITH CASE	MINT CASED £125.00
SWAROVSKI 8 x 50 SLC "B" BINOCULARS WITH CASE	MINT-BOXED £699.00

Medium & Large Format

BRONICA ETRSI COMP WITH 120 BACK, 75mm f1.8	MINT- £245.00
BRONICA ETRS BODY + 120 BACK LENS & W/LF + GRIP	EXC++ £169.00
BRONICA ETRS COMPLETE WITH 75mm f1.8 + 120 BACK	EXC++ £175.00
BRONICA RF 45mm f4 ZENIZANON FOR 645 RF + FINDER	MINT CASED £199.00
BRONICA 40mm f4 ZENIZANON MK MC	EXC++ £125.00
BRONICA 50mm f2.8 ZENIZANON	EXC++ £39.00
BRONICA 150mm f3.5 ZENIZANON PE	MINT-BOXED £125.00
BRONICA 150mm f3.5 ZENIZANON E MC	MINT BOXED £99.00
BRONICA 150mm f3.5 ZENIZANON E MC	MINT £89.00
BRONICA 150mm f4 E	MINT- £89.00
BRONICA ETRSI 120 BACK	MINT- £79.00
BRONICA ETRS/ETRSI POLAROID BACK	MINT £69.00
BRONICA AEH METERED PRISM	MINT- £89.00
BRONICA PLAIN PRISM FOR ETRS/ETRSI	MINT CASED £99.00
BRONICA MOTOR WINDER E	EXC++ £99.00
BRONICA 150mm f3.5 ZENIZANON	MINT £165.00
BRONICA SQA + 80mm f2.8 S. PRISM FOR BACK, GRIP	MINT-EXC++ £395.00
BRONICA 65mm f4 ZENIZANON FS FOR SQ	MINT-CASED £145.00
BRONICA 110mm f4 PS ZENIZANON MACRO FOR SQ	MINT CASED £365.00
BRONICA 150mm f4 PS ZENIZANON FOR SQ	MINT-CASED £145.00
BRONICA SQA 120 MAGAZINE BACK	EXC++ £45.00
BRONICA SQA/IM POLAROID MAGAZINE BACK	MINT BOXED £69.00
BRONICA 135V BACK FOR SQ VERY RARE	EXC++ £165.00
FLUJI 645 WIDE S PROFESSIONAL WIDE 60	MINT-CASED £395.00
FLUJI 645 670 MK II C/W 30mm f3.5 LENS	MINT BOXED £675.00
FLUJI 645 670 MK II S BODY WITH 30mm f3.5 LENS	MINT BOXED £675.00
MANIYA 150mm f4.5 "G" WITH HOOD	MINT £395.00
MANIYA 43mm f4.5 WITH FINDER & HOOD FOR 77II	MINT BOXED £799.00
MANIYA 150mm f4.5 WITH HOOD FOR 77II	MINT BOXED £395.00
MANIYA 150mm f4.5 + HOOD FOR MANIYA 77II	MINT £425.00
MANIYA 180mm f4.5 SEKOR Z W FOR RZ	MINT £199.00

MAMIYA 250mm f4.5 LENS FOR RZ	MINT- £195.00
MAMIYA 150mm f3.5 A/F FOR 645 A/F	MINT £299.00
MAMIYA 210mm f4 SEKOR C FOR 645	MINT CASED £195.00
MAMIYA 180mm f4.5 SEKOR FOR R8	MINT £169.00
MAMIYA RZ 67 PRO BACK	MINT- £59.00
MAMIYA 220 BACK FOR RZ 67	MINT- £95.00
PENTAX 55mm f3.5 TAKUMAR SMC FOR 6x7	MINT- £265.00
PENTAX 55mm f2.8 FOR PENTAX 6x7	MINT BOXED £199.00
PENTAX 200mm f4 FOR PENTAX 6x7 + FILTER AND HOOD	MINT- £225.00
ROLLEIFLEX 6008 PRO + 80mm HFT LENS	MINT- £695.00
ROLLEIFLEX SCHNEIDER 150mm f4.6 MAKRO FOR 6008	MINT- £575.00
WISTA TYPE 1 4x5 MOUNT ROLL FILM HOLDER FOR 6x7	MINT-BOXED £145.00
YASHICAMAT 1246 COMPLETE WITH CASE	EXC++ £199.00
YASHICAMAT 1246 COMPLETE WITH CASE	MINT £245.00

Hasselblad

HASSELBLAD 903XC COMP WITH 80mm CF + A12 BACK	MINT- £625.00
HASSELBLAD 903 G3 BODY + W/LF	MINT- £495.00
HASSELBLAD 9000M + 80mm f2.8 T* + HOOD BLACK	MINT- £675.00
HASSELBLAD 500CM BODY WITH 80mm f2.8 T* + HOOD	MINT- £695.00
HASSELBLAD 90mm f4 FOR XPAN	MINT-IN KEPPER £365.00
HASSELBLAD 500EL/M BODY + A12 BLACK BACK	EXC++ £395.00
HASSELBLAD 150mm f4 CF FLE DISTAGON + HOOD	MINT BOXED £699.00
HASSELBLAD 150mm f4 SONNAR CF	EXC++ £375.00
HASSELBLAD 450A PRO FLASH COMPLETE	MINT BOXED UNUSED £145.00
HASSELBLAD A12 BACK	EXC++ £95.00
HASSELBLAD CW WINDER + REMOTE	MINT £299.00
HASSELBLAD PLAIN PRISM	EXC £75.00
HASSELBLAD PM PRISM	MINT £199.00
HASSELBLAD 500CM/503 W/LF BLACK	MINT £125.00
HASSELBLAD EXTENSION TUBE 16E F	MINT- £75.00

Nikon Auto-Focus, Digital Lenses & Accessories

NIKON F6 REALLY MINT AS NEW	MINT BOXED £975.00
NIKON F5 BODY REALLY NICE LITTLE USE	MINT BOXED £375.00
NIKON F80 BODY	MINT £395.00
NIKON F85 BODY	MINT-BOXED £395.00
NIKON 10.5mm f2.8 "G" IF-ED AF DX FISHEYE LENS	MINT BOXED £395.00
NIKON 10.5mm f2.8 "G" IF-ED AF DX FISHEYE LENS	MINT CASED £365.00
NIKON 28mm f2.8 A/F	MINT BOXED £295.00
NIKON 50mm f1.4 A/F "D"	MINT BOXED £195.00
NIKON 50mm f1.8 A/F "D"	MINT £95.00
NIKON 60mm f2.8 "G" IF-ED AF-S MICRO-NIKKOR	MINT BOXED £325.00
NIKON 105mm f2.8 "G" IF-ED AF-S VR REDUCTION	MINT BOXED £499.00
NIKON 135mm f2.8 "G" IF-ED AF-S VR REDUCTION	MINT BOXED £799.00
NIKON 180mm f2.8 "G" IF-ED AF-S VR REDUCTION	MINT BOXED £995.00
NIKON 300mm f2.8 "G" IF-ED AF-S VR LATEST VERSION	MINT BOXED £3,395.00
NIKON 300mm f4 "D" IF-ED AF-S SUPERB LENS	MINT CASED £825.00
NIKON 12 - 24mm f4 "G" DX IF-ED AF-S	MINT BOXED AS NEW £499.00
NIKON 17 - 55mm f2.8 f2.8 "G" IF-ED AF-S + HOOD	MINT BOXED £695.00

Canon PROFESSIONAL DEALER "ALL UK STOCK"

Christmas Cash back ENDS 26.1.14 CLAIM £50 EOS 700D £40 EOS 100D

CLAIM £40 60mm EFS £40 18-135mm EFS £40 18-200mm EFS £40 70-300mm IS

12 Months 0% Finance on 5D III cameras + 6D cameras - Ends 31.12.13

EOS 1DX 0% Finance Offer	£4,849	EOS 6D Body + FREE GRIP	£1,399	70-200mm f4 IS	£1,039	24mm f2.8 IS USM	£469
5D MKIII body + Free GRIP	£2,326	EOS 6D + 24-105L IS + Grip	£1,949	70-200mm f2.8 IS II	£1,995	300mm f4 IS	£1,249
5D III + 24-105 f4 IS + Grip	£2,975	EOS 6D + 24-70 f4 IS + Grip	£2,299	70-200mm f2.8 IS	£1,095	300mm f2.8 IS II	£5,499
5D MKIII + 24-70 II + 70-200 II	£6,170	6D body + 600EX-RT Bundle	£1,724	70-300 f4-5.6 IS	£1,299	400mm f2.8 IS II	£8,895
5D MK III + 24-70 f2.8 MK II	£4,099	EOS 100D 18/55 STM	£539	100-400mm IS	£1,379	400mm f4 DO IS	£5,699
12 Months 0% on 5DIII + 6D	0%	10-22mm EFS	£499	TSE 17mm f4	£2,049	500mm f4 IS II	£7,599
EOS 7D v2 Body	£1,029	16-35mm f2.8 II	£1,249	TSE 24mm f3.5 II	£1,799	600mm f4 IS II	10,479
EOS 7D + EFS 15-85 IS	£1,759	17-40mm f4	£675	24mm f1.4 II	£1,399	1.4 X or 2 X EXTENDER III	£429
EOS 700D + 18-55mm STM	£610	17-55mm f2.8 EFS	£689	50mm f1.2	£1,349	200 - 400mm f4 IS Extender	10,999
EOS 700D + 18-135mm STM	£799	17-85mm EFS IS	£379	50 f1.4 USM	£315	430EX II Speedlite	£209
Pixma Pro 100	£419	18-200mm EFS IS	£445	35mm f2 USM	£230	600EX-RT Speedlite	£499
Pixma Pro1	£649	24-70mm f2.8 II	£1,849	85mm f1.2 II	£1,879	Powershot G16	£495
70D Body IN STOCK	£884	8-15mm f4 Fisheye	£1,199	100 f2.8 Macro	£465	Powershot G1X + Free Case	£449
70D + 18-135 IS STM Lens	£1295	70-200mm f4	£559	100mm f2.8 MacroIS	£749	Powershot S110	£239

Nikon PROFESSIONAL Dealer - UK STOCK

£500 Extra Part Exchange Allowance on a Nikon D4 body

D4 D800E D800 D610 D7100 D3200 LENSES FLASHGUNS ACCESSORIES

D4 body	£4,249	24-85 f3.5/4.5 AFS VR NEW	£419
£500 Extra Part Ex on D4		18-300mm G ED VR DX NEW	£689
D4 + 24-70 f2.8G AFS	£5,298	10 - 24mm f3.5-4.5 G AFS DX	£639
D610 + 24-85mm VR	£1,829	16-85mm f3.5-5.6G AFS VR	£449
D610 Body £120 off lens offer	£1,449	16-35mm f4G AFS VR	£849
D800 Body Claim £160	£1,962	18-35 f3.5/4.5 AFS VR NEW	£549
D800 + 24-120 f4G Claim £160	£2,724	14-24mm f2.8G AFS	£1,339
D800E Body	£2,349	18 - 200mm f3.5-5.6G DX VR II	£599
D800E + 24 -70 f2.8G AFS	£3,372	24-70mm f2.8G AFS	£1,249
D800E + 14 -24 f2.8G AFS	£3,472	24-120mm f4G AFS VR	£829
D7100 Body Claim £100	£839	28 - 300mm G AFS VR	£689
D7100 + 18-105 VR Claim £100	£999	70-200mm f2.8G AFS VR II	£1,629
D7000 + 18-105	£739	70-300mm f4.5-5.6G AFS VR	£429
D7000 Body Claim £70	£579	80-400mm f4.5-5.6 AFS VR	£2,099
D5200 + 18-55 VR	£579	55-300 f4.5-5.6G AFS VR	£279
D5100 + 18-55 VR	£399	10.5mm f2.8G DX	£569
D3200 + 18-55 VR	£369	24mm f1.4G AFS	£1,489
D3100 + 18-55 VR	£299	35mm f1.4G AFS	£1,329
F6 Body	£1,530	35mm f1.8G AFS DX	£155
Df + 50mm f1.8G set	£2,749	40mm f2.8 Micro AFS DX	£219
MB-D12 Grip	£289	50mm f1.4G AFS	£285
MB-D14 Grip	£229	50mm f1.8G AFS	£155



HASSELBLAD

2 YEARS 0% Finance on a NEW HSD

H4D-40 Body set	£12,690
H4D-40 + 80mm	£14,567
New HSD-40 body set	£13,995
New HSD-50 body set	£20,195
New HSD-60 Body set	£28,000
New HSD-200 Body set	£32,295
HSD-50 Multi Shot body	£25,895
H4D -40 + 35-90mm	£18,425
Phone to arrange a Demo	
CFV-50 for 500 series	£10,995
28mm f4 HCD Lens	£3,439
35-90mm f4-5.6 HCD Lens	£5,485
50mm f3.5 HC II Lens	£3,162
HTS Tilt+ Shift Adapter	£4,113
80mm f2.8 HC Lens	£1,895
100mm f2.2 HC Lens	£2,740
120mm f4 Macro HC II Lens	£3,690
150mm f3.2 HCN Lens	£2,740
210mm f4 HC Lens	£3,057
300 f4.5 HC Lens	£3,690

BOWENS

the power behind the picture



500C/500R Classic Tx kit	£849	Bowens 200/ 200 Kit	£399
500R /500R Tx Kit	£929	Bowens 400/400 Kit	£529
500Pro/500Pro Tx kit	£1,149	Bowens 400/400 Tx kit	£595
500R / 500R / 500R Tx Kit	£1,449	Bowens 500R Head	£399
2 Year GUARANTEE ON BOWENS		Phone for Accessories	
500R Head	£399	Travel pak - Small	£479
500 Classic Head	£359	Travel Pak - Large	£549
400 Head	£253	Ringlight Converter	£249
200 Head	£219	Fresnel 200 Spot	£520
2 Year Guarantee on Bowens		Pulsar Tx + B/Trigger card	£129
750/750 PRO Tx Kit	£1,320	Pulsar Tx Radio Trigger	£76
1000/1000 PRO Tx Kit	£1,549	Pulsar Rx set	£79

Leica



S Body	£15,995
S Body + 70mm S Lens	£17,995
M body - Phone	£5,100
NEW Leica C	£549
NEW Leica X Vario	£1,995
M Monocrom	£6,200
50mm f 0.95 Noctilux - Bk	£7,650
28mm f2 Summicron - Bk	£2,850
35mm f2 Summicron - Bk	£1,999
50mm f1.4 Summilux - Bk	£2,800
50mm f2 Summilux	£1,564
X2 Black or Silver	£1,356
Leica V-Lux 4	£639
D-Lux 6	£529
EVF2 Viewfinder	£380

SIGMA Tokina Nikon/Canon fits

SIGMA 10-20mm f4-5.6 EX DC	£369
SIGMA 10-20mm f3.5 EX DC	£399
SIGMA 17-70mm f2.8-4 DC OS	£359
SIGMA 24 - 70 f2.8 EX DG HSM	£599
SIGMA 70-200 f2.8 EX DG OS	£799
SIGMA 120-400mm DG OS	£649
SIGMA 150 - 500mm DG OS	£749
SIGMA 50 - 500mm DG OS Nikon	£949
SIGMA 105 f2.8 DG Macro OS	£399
SIGMA 300 f2.8 EX DG HSM	£2,249
NEW SIGMA 35mm f1.4 DG HSM	£699
Tokina 11 - 16mm f2.8 ATX MK II	£599
Tokina 12-24mm f4 II ATX ProDX	£495
Tokina 100 f2.8 Macro ATX Pro	£395
Tokina 16 - 28mm f2.8 ATX Pro FX	£775

ZEISS ZF.2 for Nikon ZE Canon, ZM Leica

15mm f2.8 ZF2/ZE NEW	£2,150
135mm f2 ZF2/ZE NEW	£1,599
21mm f2.8 ZF2/ZE	£1,380
25mm f2.8/Nik ZF2	£756
28mm f2 ZF2/ZE	£940
35mm f1.4 ZF2/ZE	£1,380
35mm f2 ZF2/ZE	£818
50mm f1.4 ZF2/ZE	£532
85mm f1.4 ZF2/ZE	£940
50mm f2 Makro ZF2/ZE	£940
100mm f2 Makro ZF2/ZE	£1,380
21mm f4.5 Biogon ZM	£859
25mm f2.8 Biogon ZM	£859
28mm f2.8 Biogon ZM	£770
12mm Tuit - Fuji or Sony	£824
32mm Tuit - Fuji or Sony	£554

Manfrotto Tripods & Heads

190 XProB	£110	804 RC2 head	£57
190XProB + 804rc2	£149	808 RC4 head	£108
190 CXPro 4	£195	410 head	£153
190CXPro 4 + 460	£229	MVH500AH	£110
055 CX Pro 3	£259	MVH502AH	£135
055CXPro 4	£275	494 RC2	£46
460 MG head	£65	496 RC2	£47
494 RC2 head	£46	498 RC2	£79
		327 RC2	£146
		468MGR2C	£195
		468 MGRCO	£191
		679B + QR Head	£49



USED EQUIPMENT "Wanted quality photographic kit for Part exchange or Commission Sale"

Leica D-Lux 3 + Case	£195	Bronica ETRSI Complete	£450	Nikkor AFS 24-120mm f4 VR	£595	Zeiss 100mm Makro Planar ZE	£1095
Leica M (240) Black	£1595	Bronica ETRSI 40mm f4	£250	Nikkor AFS 70-200mm f2.8G VR	£595	Canon EOS 1D MKII	£1195
Leica X Vario	£1595	ETRS + AFIR Prism - 3 lenses	£450	Nikkor AFS 300mm f4	£750	Canon EOS 1D MKIII Body	£1995
H1 - 150mm HC + 120 back	£2250	Minox Spotmeter F	£149	Nikkor AFS 18-200mm VR II	£450	Canon EOS 1D X MKII body	£5995
150mm HC Lens	£2500	Apot Televied 65 + Free Case	£1095	Nikkor AFS 18-200mm VR II	£450	Canon EOS 7D body	£595
HCD 35-90mm Lens	£3,995	Ultravid 8 x 12HD NEW	£6,200	Nikkor AFS 18-200mm VR II	£450	Canon TSE 17mm FAL	£1695
HCD 35-90mm Lens	£3,495	Ultravid 8x42HD NEW	£7,650	Nikkor AFS 17-55mm f2.8G DX	£1429	Canon EF 28-300mm L IS USM	£1495
Hass HV Film Magazine	£225	Fuji XE-1 + 35mm + 18mm	£195	Nikkor AFS 20-35mm f2.8G	£1586	Canon EF 70-200mm f2.8 OS USM	£650
Hasselblad 50mm CF	£1,295	Fuji XE-1 + 18-55 EX DEMO	£795	Nikkor AF 20-35mm f2.8D	£699	Canon TSE 24mm f2.8 OS EOS	£595
Hasselblad A12	£395	Nikon D3000 + 18-55mm	£295	Leica X1 Black	£350	Canon 70-200mm f4 L IS USM	£395
Hasselblad 150mm CF Lens	£295	Nikon D3000 body	£295	Leica Noctilux 50mm f1 M	£349	Canon EF 50-100mm f2.8 L IS USM	£349
Fuji ASK 4000 Printer	£225	Nikon D3000 + 18-55mm VR	£295	Leica Tri Elmar M 116/25 6 bit	£595	Canon EF 24-70mm f2.8 L IS USM	£750
Mamiya 55-110 AF Lens NEW	£495	Nikon D3000 body	£295	Leica M (240) Black body	£3495	Canon EF 300mm f4 L IS USM	£225
Mamiya 645 Pol Back New	£250	Micro Nikkor 200mm f4 AFD	£795	Leica Tri Elmar M 116/25 6 bit	£595	Canon EF 16-35mm f2.8 L II	£850
Mamiya 645 105mm f2.8	£179	Micro Nikkor 105mm f2.8G	£250	Leica Tri Elmar M 116/25 6 bit	£595	Canon TSE 24mm f2.8 L II	£895
Mamiya 645 210mm f4	£1105	Nikkor 15mm f3.5 AIS	£99	Leica 24mm f2.8 Elmar M 6 bit	£1295	Canon EF 200mm f2.8 L II USM	£495
Mamiya 7ii - 210mm Lens	£595	Nikkor 35mm f1.4G Fx Demo	£1095	Leica 28mm f2 Asph M 6 bit	£1995	Sigma 150-500mm OS Canon	£495
		Nikkor 12-24mm f4 AFS DX	£595	Leica 35mm f2 M 6 bit	£1495		
				Leica 50mm f2 M 6 bit	£1295		

PocketWizard

Mini TT1 CE Canon	£149
Flex TT5 CE Canon	£149
1xMini 2xFlex Canon	£419
Mini TT1 CE Nikon	£149
Flex TT5 CE Nikon	£149
1xMini 2xFlex Nikon	£439
NEW 2 x PLUS II	£249
Fuji	
Fuji X100S	£979
Fuji XM-1 kit	£549
Fuji X-E2 + 18-55	£1175



CAMERAS LENSES BAGS TRIPODS PRINTERS BINOCULARS SCOPES FLASHGUNS & LIGHTING ACCESSORIES TRAINING

Canon EOS 100D

A DSLR you'll never want to leave behind.

A small and responsive DSLR to take everywhere. The 18-megapixel EOS 100D delivers superb photos and video and features an optical viewfinder and intuitive touch-screen controls.



Body SRP £569.00
Lens sold separately

£40 cashback

In stock from **£359.00***
*Price includes **£40 cashback** from Canon UK. Offer available between 24.10.2013 & 26.01.2014.

Canon EOS 700D

Let your creativity grow.

Step into DSLR photography and let your creativity grow. Produce superb photos and video with an 18-megapixel sensor and enjoy shooting with an easy to use Vari-angle Clear View LCD II Touch screen.



Body SRP £619.99
Lens sold separately

£50 cashback

In stock from **£435.00***
*Price includes **£50 cashback** from Canon UK. Offer available between 24.10.2013 & 26.01.2014.

Canon EOS 70D

Capture the moment at seven frames per second.

Capture stunning stills and Full-HD movies with the high performance EOS 70D, featuring 7fps full resolution shooting, an advanced 19-point AF system and Canon's unique Dual Pixel CMOS AF technology.



NEW LOW PRICE!

EOS 70D Body Only
SRP £1,079.99

In stock from **£869.00**
Visit us in store or online for further details on the 70D. You'll also find a range of **money saving deals!**

Canon EOS 1100D

- ▶ 12 Megapixel CMOS sensor
- ▶ On-screen Feature Guide
- ▶ Creative Auto and Basic+
- ▶ HD Video capture
- ▶ Compact & Lightweight

EOS 1100D Body Only **£239.00**

Add a Canon EF-S-55-250mm f/4-5.6 IS II for only **£169.00** when bought with the EOS 1100D

Canon EOS 5D

- ▶ 22.3 megapixel full-frame sensor
- ▶ 61-point AF
- ▶ 6 fps continuous shooting
- ▶ ISO 100-25,600 sensitivity
- ▶ Full-HD video with manual control

EOS 5D Mk III Body Only **£2,329.00**

See our website or call 01444 23 70 60 for details on our 12 months interest free credit offer.

CANON LENSES

14mm f/2.8L II USM £1,899.00	300mm f/2.8L USM IS II £5,329.00	EF-S 18-200mm f/3.5-5.6 IS £428.00
20mm f/2.8 USM £409.00	300mm f/4.0L USM IS £1,139.00	24-70mm f/2.8L II USM £1,809.00
24mm f/1.4L Mk II USM £1,360.00	400mm f/2.8L USM IS II £8,279.00	24-70mm f/4.0L IS USM £1,049.00
24mm f/2.8 IS USM £458.00	400mm f/4.0L DO II USM IS £5,449.00	24-105mm f/4.0L IS USM £839.00
28mm f/1.8 USM £369.00	400mm f/5.6L USM £1,128.00	24-105mm IS (White Box) £699.00
28mm f/2.8 IS USM £419.00	500mm f/4.0L USM IS II £7,765.00	28-135mm f/3.5-5.6 IS USM £369.00
35mm f/1.4L USM £1,159.00	600mm f/4.0L USM IS II £10,479.00	28-300mm f/3.5-5.6L IS USM £2,199.00
35mm f/2.0 IS USM £509.00	800mm f/5.6L IS USM £9,739.00	EF-S 55-250mm f/4-5.6 IS II £209.00
40mm f/2.8 STM £174.00	TSE 17mm f/4.0L £1,959.00	EF-S 55-250mm f/4-5.6 IS STM £339.00
50mm f/1.2 L USM £1,242.00	TSE 24mm f/3.5L II £1,699.00	70-200mm f/2.8L IS II USM £1,985.00
50mm f/1.4 USM £305.00	TSE 45mm f/2.8 £1,129.00	70-200mm f/2.8L USM £1,019.00
50mm f/1.8 II £83.00	TSE 90mm f/2.8 £1,129.00	70-200mm f/4.0L IS USM £990.00
50mm f/2.5 Macro £229.00	8-15mm f/4L Fisheye USM £1,099.00	70-200mm f/4.0L USM £534.00
EF-S 60mm f/2.8 Macro £365.00	EF-S 10-22mm f/3.5-4.5 USM £499.00	70-300mm f/4.0-5.6 IS USM £368.00
MP-E 65mm f/2.8 £859.00	EF-S 15-85mm f/3.5-5.6 IS USM £589.00	70-300mm f/4.5-5.6L IS USM £1,238.00
85mm f/1.2L II USM £1,759.00	16-35mm f/2.8L II USM £1,218.00	70-300mm f/4.5-5.6 DO IS USM £1,139.00
85mm f/1.8 USM £305.00	17-40mm f/4.0L USM £645.00	75-300mm f/4.0-5.6 Mk III £189.00
100mm f/2 USM £349.00	EF-S 17-55mm f/2.8 IS USM £649.00	75-300mm f/4.0-5.6 IS USM £1,209.00
100mm f/2.8 USM Macro £444.00	EF-S 17-85 f/4.0-5.6 IS USM £359.00	100-400mm f/4.5-5.6L IS USM £1,325.00
100mm f/2.8L Macro IS USM £749.00	EF-S 17-85 IS (No packaging) £329.00	200-400mm f/4.0L USM IS £10,999.00
135mm f/2.0L USM £899.00	EF-S 18-55mm f/3.5-5.6 IS II £129.00	1.4x III Extender £412.00
180mm f/3.5L USM Macro £1,273.00	EF-S 18-55mm IS II (No packaging) £85.00	2x III Extender £409.00
200mm f/2.0L IS USM £4,669.00	EF-S 18-135mm IS STM £369.00	EF 12 II Extension Tube £79.99
200mm f/2.8L USM/2 £649.00	18-135mm IS (No packaging) £299.00	EF 25 II Extension Tube £139.99

Cashback available on selected Canon lenses.

See www.ParkCameras.com/AP for details

Canon EOS 7D

- ▶ 18 Megapixel CMOS sensor
- ▶ Up to 8fps shooting
- ▶ Full HD movies
- ▶ Magnesium alloy body
- ▶ 3.0" Clear View II LCD

EOS 7D Body Only **£1,029.00**

Add a Canon LP-E6 battery for only **£64.00**

Canon EOS M

- ▶ 18 Megapixel CMOS sensor
- ▶ Compact body
- ▶ Full HD movies
- ▶ On camera guide
- ▶ 3.0" Touch LCD screen

EOS M + 18-55 IS **See Web**

Purchase the EOS M between 24.10.13 & 26.01.14 and claim **£50 cashback** from Canon.

CANON PRINTERS

Canon PIXMA Pro-100

- ▶ The printer your images deserve
- ▶ Up to A3+ prints
- ▶ 8-ink system
- ▶ Fast printing
- ▶ Quality grayscale prints

Now Only **£369.00**

Visit us in store or online for special deals with Canon paper & ink

Canon PIXMA Pro-10

- ▶ The printer your images deserve
- ▶ Up to A3+ prints
- ▶ 10 pigment inks
- ▶ Wi-Fi certified
- ▶ Professional colour and mono prints

Now Only **£499.00**

Visit us in store or online for special deals with Canon paper & ink

Canon PIXMA Pro-1

- ▶ The printer your images deserve
- ▶ Up to A3+ prints
- ▶ 12-ink system
- ▶ Fast printing
- ▶ Quality colour & grayscale prints

Now Only **£645.00**

Visit us in store or online for special deals with Canon paper & ink

CANON COMPACT CAMERAS

Canon IXUS 140

- ▶ Get close, stay closer with IXUS
- ▶ 16.0 MEGA PIXELS
- ▶ 8x

Now Only **£119.00**

SRP £159.00

Add a Canon NB-11L spare battery for only **£42.99** with this camera

Canon PowerShot SX280 HS

- ▶ The complete travel compact
- ▶ 12.1 MEGA PIXELS
- ▶ 20x

Now Only **£189.00***

SRP £358.80

*Price includes **£30 cashback** from Canon UK if bought before 26.01.2014

Canon PowerShot SX50 HS

- ▶ Ultra advanced 50x zoom
- ▶ 12.1 MEGA PIXELS
- ▶ 50x

Now Only **£349.00***

SRP £538.80

Add a Canon NB-10L spare battery for only **£55.00** with this camera

Canon EF-S 10-22mm

- ▶ f/3.5-4.5 USM
- ▶ An ultra wide-angle zoom lens that is small & lightweight

Now Only **£499.00**

SRP £1,187.99

Add a Canon EW-83E lens hood for only **£37.49** with this lens!

Canon EF 24-70mm

- ▶ f/2.8L II USM
- ▶ The perfect companion to any full-frame EOS camera

Now Only **£1,809.00**

SRP £2,759.99

Add a Lowepro Street & field lens case for only **£21.00** with this lens!

Canon EF 70-200mm

- ▶ f/2.8L IS II USM
- ▶ An essential telezoom lens for sports, wildlife or portraits

Now Only **£1,985.00**

SRP £2,779.99

Add a Hoya 77mm SHMC-Pro 1 UV filter for only **£55.99** with this lens!

Canon PowerShot S110

- ▶ Pocketable performance
- ▶ 12.1 MEGA PIXELS
- ▶ 5x

Now Only **£249.00***

SRP £515.99

FREE SanDisk 32GB Extreme SD Card when purchasing the S110

Canon PowerShot G15

- ▶ The fast, bright expert compact
- ▶ 12.1 MEGA PIXELS
- ▶ 5x

Now Only **£314.00***

SRP £575.99

FREE SanDisk 16GB Extreme SD Card when purchasing the G15

Canon PowerShot G1X

- ▶ Ultra advanced 50x zoom
- ▶ 14.3 MEGA PIXELS
- ▶ 4x

Now Only **£439.00***

SRP £695.99

FREE Canon DCC-1800 case when purchasing the G1X

Canon BP-511A Batt.

Now **£79.99** SRP £119.99

For EOS 40D / 50D / 5D Mk I

Canon LP-E4N Battery

Now **£139.99** SRP £181.19

For 1Ds Mk III / 1D Mk IV / 1D X

Canon LP-E6 Battery

Now **£75.99** SRP £97.19

For 60D / 7D / 6D / 5D Mk III

Speedlite 320EX

Now **£189.00** SRP £323.99

+ AA Batts & charger for £19.49

Speedlite 600EX-RT

Now **£469.00** SRP £815.99

See web for cashback details

Macrolite MR-14EX

Now **£459.00** SRP £814.80

+ AA Batts & charger for £19.49

Canon LP-E8 Battery

Now **£47.99** SRP £63.59

For EOS 550D / 600D

Canon LP-E10 Battery

Now **£39.99** SRP £59.99

For use with EOS 1100D

Canon LP-E12 Battery

Now **£49.99** SRP £59.99

For use with EOS M

BG-E8 battery grip

Now **£124.00** SRP £215.99

For 550D / 600D / 650D / 700D

BG-E11 battery grip

Now **£249.00** SRP £329.99

For use with EOS 5D Mk III

BG-E13 battery grip

Now **£179.00** SRP £395.99

For use with EOS 6D

All prices include VAT @ 20% For our opening times including over the festive period, please see our website.

See our website for our full address for our stores in London and Burgess Hill. All products are UK stock. E&OE. * = Please mention "Amateur Photographer" for this special price

Prices correct at time of going to press; Prices subject to change; check website for latest prices.

PARKCameras



Visit our stores in Burgess Hill,
West Sussex, or why not visit us
in LONDON!!

See website for directions to both our
state-of-the-art showrooms!

CAMERAS

LENSES

BAGS

TRIPODS

PRINTERS

PROFESSIONAL Dealer

LIMITED STOCK NOW AVAILABLE!

Nikon Df

16.2 MEGA PIXELS, 3.2" Screen, Wi-Fi, 1080p FULL HD, 5 FPS

NEW!

Visit us in store and try out the brand new Nikon Df for yourself! Alternatively, visit our website for full details.

Nikon D3200

24.2 MEGA PIXELS, 4 FPS

Body Only + 18-55 VR
£288.00* £329.00*

*Prices include £30 cashback from Nikon if bought before 26.01.2014

Nikon D5200

24.1 MEGA PIXELS, 1080p FULL HD

Body Only + 18-55 VR
£459.00* £489.00*

*Prices include £50 cashback from Nikon if bought before 26.01.2014

Nikon D7000

16.2 MEGA PIXELS, 6 FPS

Body Only + 18-105 VR
£509.00* £639.00*

*Prices include £70 cashback from Nikon if bought before 26.01.2014

Nikon D7100

24.1 MEGA PIXELS, 6 FPS

In stock from **£739.00***

See website for full details

*Price includes £100 cashback from Nikon if bought before 26.01.2014

Nikon D800

36.3 MEGA PIXELS, FULL FRAME

Body Only + SB-910 Flash
£1,802.00* £2,065.00*

*Prices include body & flash cashback from Nikon if bought before 26.01.2014

NIKON LENSES

Cashback available on selected Nikon lenses. See www.ParkCameras.com/AP for details

AF-G 10.5mm f/2.8G ED DX £549.00	AF-S 85mm f/3.5G DX Micro £375.00	AF-S 16-85mm f/3.5-5.6G DX VR £439.00
AF-D 14mm f/2.8D £1,099.00	AF-D 85mm f/1.8D £299.00	AF-S 17-35mm f/2.8 IF ED £1,499.00
AF-D 16mm f/2.8D Fisheye £625.00	AF-S 85mm f/1.8G £369.00	AF-S 17-55mm f/2.8G IF-ED £1,049.00
AF-D 20mm f/2.8 £463.00	AF-S 85mm f/1.4G £1,179.00	AF-S 18-35mm f/3.5-4.5 G ED See web
AF-D 24mm f/2.8D £369.00	AF-S 105mm f/2.8G VR IF-ED £619.00	AF-S DX 18-55 f/3.5-5.6G II £127.00
AF-S 24mm f/1.4G ED £1,469.00	PC-E 85mm f/2.8D ED £1,299.00	AF-S 18-105mm f/3.5-5.6G VR £234.00
PC-E 24mm f/3.5D ED £1,465.00	AF-DC 105mm f/2 Nikkor £799.00	AF-S 18-200mm ED DX VR II £599.00
AF-D 28mm f/2.8 £245.00	AF-D 180mm f/2.8 IF ED £689.00	AF-S 18-300mm ED VR DX £679.00
AF-S 28mm f/1.8G £499.00	AF-D 200mm f/4D IF ED £1,179.00	AF-S 24-70mm f/2.8G ED £1,235.00
AF-S 35mm f/1.4G £1,299.00	AF-S 200mm f/2G ED VR II £4,099.00	AF-D 24-85mm f/2.8-4 £549.00
35mm f2 AF Nikkor D £259.00	AF-S 300mm f/2.8G ED VR II £4,045.00	AF-S 24-85mm f/3.5-4.5 ED VR £429.00
35mm f/1.8 AF-S DX £155.00	AF-S 300mm f/4D IF-ED £1,029.00	AF-S 24-120mm f/4G ED VR £799.00
AF-S 40mm f/2.8G ED Micro £185.00	AF-S 400mm f/2.8G ED VR £6,589.00	AF-S 28-300mm ED VR £659.00
PC-E 45mm f/2.8D ED £1,393.00	AF-S 500mm f/4G ED VR £5,849.00	AF-S 55-200mm f/4-5.6G £199.00
AF 50mm f/1.4D £244.00	AF-S 600mm f/4G ED VR £7,069.00	AF-S 55-200mm f/4-5.6 VR £241.00
AF-S 50mm f/1.4G £289.00	AF-S 800mm f/5.6 FL ED VR See web	AF-S DX 55-300mm VR £275.00
AF-D 50mm f/1.8 £109.00	AF-S 10-24mm f/3.5-4.5G DX £639.00	AF-S 70-200mm f/2.8 VR II £1,619.00
AF-S 50mm f/1.8G £155.00	AF-S DX 12-24mm f/4 G IF-ED £839.00	AF-S 70-200mm f/4.0 VR £999.00
AF-S 58mm f/1.4G New See Web	AF-S 14-24mm f/2.8G ED £1,315.00	AF-S 70-300mm IF ED VR £439.00
AF-S 60mm f/2.8G Micro ED £404.00	AF-S 16-35mm f/4G ED VR £829.00	AF-D 80-400mm ED VR £949.00

For the Nikon 1 range of cameras and lenses, including the new **AW1** and **NIKKOR AW 10mm f/2.8** visit us in store, or see our website

a7

SONY

24.3 MEGA PIXELS, 3.0" Screen, FULL FRAME, Wi-Fi, 1080p FULL HD, SD card

NEW!

For even greater heights of creative expression, consider the new Sony a7R with its full-frame 36.4 effective megapixel sensor and no optical low-pass filter

Sony a3000

20.1 MEGA PIXELS, 2.5 FPS

In stock from **£249.00!**

See website for full details

See the range of Sony E-mount lenses available on our website

Sony NEX-ST

16.1 MEGA PIXELS, Wi-Fi

In stock from **£539.00!**

Available in black or white

Add the Sony E-series 50mm f/1.8 OSS for only £234 with the Sony NEX-ST

Sony NEX-7

24.3 MEGA PIXELS, 10 FPS

SPECIAL PRICE!

NEX-7 body + 18-55mm
£699.00 £779.00*

Add a SanDisk 16GB Ultra SDHC card for only £12.99 with the Sony NEX-7

Sony Alpha a99

Uncompromising quality, crafted for professionals

Purchase the a99 before 22.01.14 and receive **£500 off** selected Sony Zeiss lenses

See web for details

OM-D E-M1

16.3 MEGA PIXELS, 3.0" Screen, Wi-Fi, 1080p FULL HD, SD card

NEW!

SEE WEBSITE FOR ACCESSORY CASHBACK!

Limited numbers now in stock!

Visit us in store & try out the Olympus OM-D E-M1 for yourself. Alternatively, visit our website for full details.

Olympus 12-40mm f/2.8 Pro

• Constant aperture of f/2.8
• Best edge-to-corner sharpness

NEW!

NOW IN STOCK!!

See website for full details

Add a Hoya 62mm Pro 1-D UV filter for only £31 with the Olympus 12-40mm

Olympus CS-42SF

Soft camera case

• Suitable for OM-D E-M1
• Water-resistant nylon

NEW!

Our Price £64.99

See website for full details

Not the case for you? Visit us in store or online for a wide range of cases

Olympus OM-D E-M5

16.1 MEGA PIXELS, 9 FPS

Body Only + 12-50mm
£749.00 £899.00

Claim a FREE 45mm f/1.8 lens worth £279.99 from Olympus. See web

Olympus PEN E-PM2

16.1 MEGA PIXELS, 12 ART FILTERS

+14-42mm II Twin lens kit
£379.00 £489.00

Add an Olympus CS-38B black leather bottom case for only £54

Olympus PEN E-PL5

16.1 MEGA PIXELS

+14-42mm II Twin lens kit
£449.00 £589.00

Add a VF-4 digital viewfinder for only £239 with the PEN E-PL5

Olympus PEN E-P5

16.1 MEGA PIXELS, Wi-Fi

Body Only + 14-42mm
£849.00 £969.00

Add an Olympus BLN-1 spare battery for only £54 with the PEN E-P5

OLYMPUS LENSES

8mm f/3.5 ED Fisheye	£714.99
25mm f/2.8 Pancake Lens	£208.99
35mm f/3.5 Macro	£199.99
50mm f/2.0 ED Macro	£569.00
150mm f/2.0 ED	£1,999.00
300mm f/2.8 ED	£5,799.00
7-14mm f/4.0	£1,449.00
9-18mm f/4.0-5.6 4/3	£479.00
11-22mm f/2.8-3.5	£699.00
12-60mm f/2.8-4.0 ED SWD	£899.00
14-42mm f3.5-5.6 ED Mk II	£216.99
14-35mm f/2.0 ED SWD	£1,799.00
14-54mm f/2.8-3.5 II	£549.00
18-180mm f/3.5-6.3	£419.00
35-100mm f/2.0	£1,999.00
40-150mm f/4.0-5.6 ED MKII	£229.00
50-200mm f/2.8-3.5 ED SWD	£979.00
70-300mm f/4.0-5.6 ED	£329.00
90-250mm f/2.8	£4,699.00

For even more Olympus lenses at **LOW PRICES**, visit our website

Visit www.ParkCameras.com/AP for even more Olympus!

LUMIX GX7

16.0 MEGA PIXELS, 3.0" Screen, Wi-Fi, 1080p FULL HD, SD card

NEW!

NOW IN STOCK!!

Visit us in store & try out the Panasonic GX7 for yourself. Alternatively, see website & watch our video.

Panasonic 20mm f/1.7 II

• Compact, light Pancake Lens
• Sophisticated Metal Finish

NEW!

In stock from **£299.00!**

See website for full details

Add a Hoya 62mm Pro 1-D UV filter for only £31 with the Olympus 12-40mm

Panasonic LUMIX GM1

16.0 MEGA PIXELS, Wi-Fi

NEW!

In stock from **£629.00!**

See website for full details

Add Adobe Photoshop Lightroom 5 for only £79 with the DMC-GM1

Panasonic LUMIX GF6

16.0 MEGA PIXELS, Wi-Fi

+ 14-42mm Twin lens kit
£359.00 £529.00

£30 cashback available if bought between 09.09.13 & 19.01.14. See web

Panasonic LUMIX G6

16.0 MEGA PIXELS, Wi-Fi

Body Only + 14-42mm
£449.00 £529.00

Up to £100 cashback available if bought between 09.09.13 & 19.01.14. See web

Panasonic LUMIX GH3

16.2 MEGA PIXELS, Wi-Fi

Body Only + 14-140mm
£849.00 £1,299.00

*FREE Battery Grip available if bought between 09.09.13 & 19.01.14. See web

Visit us in store and try out the range of cameras & lenses!

GoPro Hero 3+ Black Edition

Be a HERO.

Introducing the smallest, lightest, most powerful GoPro yet.

► Smallest, lightest GoPro yet
► Professional video quality
► Powerful photo capture
► Sharper images, less distortion

AN IDEAL GIFT FOR CHRISTMAS!

In stock at only **£359.00**

See website for full details

Add a GoPro spare battery for only £18.49

Visit our website - updated daily
www.ParkCameras.com/AP
 or e-mail us for sales advice using
sales@parkcameras.com

Phone one of our knowledgeable sales advisors
Monday - Saturday (9:00am - 5:30pm) or Sunday (11:00am - 4:30pm)

01444 23 70 60



BINOCULARS

SCOPES

FLASHGUNS
& LIGHTING

ACCESSORIES

TRAINING

SIGMA

Sigma is a world leader in the optical field with top quality lenses available in Sigma, Canon, Nikon, Pentax, Sony and Four Thirds fits. See below to find a lens for you - at LOW PARK CAMERAS PRICES!!

Why not take a visit to our stores in **LONDON** or **WEST SUSSEX**, bring your own DSLR, and test out a Sigma lens!

Sigma 35mm
f/1.4 DG HSM



Available in Canon, Nikon, Pentax, Sony & Sigma fits

Our Price £669.00

See website for full details
 Add a Sigma 67mm DG MC UV filter for only £39 with this lens

Sigma 18-35mm
f/1.8 DC HSM



Available in Canon, Nikon, Pentax, Sony & Sigma fits

Our Price £649.00

See website for full details
 Add a Sigma 72mm DG MC UV filter for only £29 with this lens

Sigma 24-105mm
f/4.0 DG OS HSM F



Available in Canon, Nikon, Sony & Sigma fits

NEW & COMING SOON!

See website for full details
 Add a Sigma 82mm DG MC UV filter for only £59 with this lens

Sigma 19mm
f/2.8 DN | A



Available in Micro 4/3 and Sony E-Mount

Our Price £189.00

See website for full details
 Add a Sigma 46mm DG MC UV filter for only £23 with this lens

Sigma 30mm
f/2.8 DN | A



Available in Micro 4/3 and Sony E-Mount

Our Price £189.00

See website for full details
 Add a Sigma 46mm DG MC UV filter for only £23 with this lens

Sigma 60mm
f/2.8 DN | A



Available in Micro 4/3 and Sony E-Mount

Our Price £189.00

See website for full details
 Add a Sigma 46mm DG MC UV filter for only £23 with this lens

Sigma 120-300mm
f/2.8 DG OS HSM | S



Available in Canon, Nikon, & Sigma fits

Our Price £2,799.00

See website for full details
 Add a Sigma 105mm DG MC UV filter for only £119 with this lens

Sigma 150-500mm
f/5.0-6.3 APO DG OS HSM



Available in Canon, Nikon, Pentax, Sony & Sigma fits

Our Price £749.00

See website for full details
FREE Sigma 86mm DG MC UV filter when bought with this lens

Sigma USB Dock
Update lens firmware



Available in Canon, Nikon, & Sigma fits

Our Price £39.99

See website for full details
 Designed for use with the Contemporary, Art and Sports lenses

Sigma SD1 Merrill



46.0 MEGA PIXELS
3.0" Screen
MAG ALLOY BODY
5 FPS

Body Only £799.00

+ 17-50 OS £999.99
 Add a Sandisk 16GB Extreme Pro C/F card for only £79 with the Sigma SD1

Sigma DP3 Merrill



46.0 MEGA PIXELS
3.0" Screen
50MM F2.8 LENS
7 FPS

DP3 Merrill £649.99

+ Lens Hood £668.99
 Add a Sandisk 16GB Extreme Pro SD card for only £37 with the Sigma DP3

For Sigma Filters, Flashguns, Grips and other accessories, visit us instore or online

NX300



20.3 MEGA PIXELS
3.3" Screen
Wi-Fi
8.6 FPS

In stock from £499.00

Fujifilm X-A1



16.3 MEGA PIXELS
3.0" Screen
NEW!

In stock from £449.00!

See website for full details
 X-A1 available in Black, Blue or Red.
 Add the Fujifilm 50-230mm for £379

Fujifilm X-E1



16.3 MEGA PIXELS
Fujifilm X-MOUNT

Body Only £599.00

+ 18-55mm £879.00
 Add a Fujifilm HG-XE1 hand grip for only £69 with the Fujifilm X-E1

Samsung GALAXY NX
+ 18-55mm



20.3 MEGA PIXELS
Wi-Fi

Our Price £1,249.00

See website for full details

Samsung NX1000
+ 20-50mm



20.3 MEGA PIXELS
Wi-Fi

Our Price £239.00

See website for full details

Fujifilm X-Pro 1 + 18mm



16.3 MEGA PIXELS
1080p FULL HD
FREE lens!

In stock for £949.99!

See website for full details
 Purchase before 31.01.14 & claim a FREE 27mm, 35mm or 60mm lens!

RICOH K-3
imagine. change.

23.3 MEGA PIXELS
3.2" Screen
1080p FULL HD
8.3 FPS

Limited numbers
Body + 18-55mm WR
Only £1,199.00

Pentax K-500



16.2 MEGA PIXELS
6 FPS

Body Only £319.00

+ 18-55 VR £349.00
 Add a Pentax O-RC1 remote control for only £23 with the Pentax K-500

Pentax K-50



16.2 MEGA PIXELS
6 FPS
Up to £50 cashback

Body Only £479.00

+ 18-55 VR £549.00
 *Price includes £40 cashback on the body & £50 cashback on the kit.

PENTAX LENSES

10-17mm f/3.5-4.5 DA ED IF £399.00
 12-24mm f/4 DA ED AL (IF) £749.00
 16-50mm f/2.8 DA* ED AL £899.00
 17-70mm f/4 DA AL IF SDM £529.00
 18-55mm f/3.5-5.6 DA WR £159.00
 18-135mm f/3.5-5.6 DA WR £499.00
 18-270mm f/3.5-6.3 ED SDM £599.00
 50-135mm f/2.8 ED IF DA* £999.00
 50-200mm f/4-5.6 ED WR £199.00
 55-300mm f/4.0-5.8 £279.00
 60-250mm f/4.0 ED (IF) £1,249.00

For even more Pentax lenses at **LOW PRICES**, visit our website

PENTAX Q LENSES

03 Fish Eye 160 Degree £129.00
 04 Toy Wide Lens 35mm £129.00
 02 Std. Zoom 27.5-83mm £249.00
 06 Telephoto 15-45mm £249.00

Tamron 10-24mm
f/3.5-4.5 Di II LD Asph



Available in Canon, Nikon, Pentax & Sony fits

Our Price £369.00

See website for full details
 Add a Hoya 77mm UV(C) Digital HMC filter for only £25 with this lens

Tamron 18-270mm
f/3.5-6.3 Di II VC PZD



Available in Canon, Nikon, & Sony fits

Our Price £349.00

See website for full details
 Add a Hoya 62mm UV(C) Digital HMC filter for only £17 with this lens

Tamron 70-300mm
f/4.5-5.6 Di LD Macro 1:2



Available in Canon, Nikon, Pentax & Sony fits

Special Price £289.00*

See website for full details
 Add a Hoya 62mm UV(C) Digital HMC filter for only £17 with this lens

Pentax K-5 II



16.2 MEGA PIXELS
6 FPS
£85 cashback

Body Only £664.00*

+ 18-55 WR £664.00*
 *Price includes £85 cashback from Pentax if bought before 14.01.2014

Ricoh GR



16.2 MEGA PIXELS
BRIGHT f/2.8 LENS
NEW & IN STOCK

In stock at only £569.00!

See website for full details
 Add a Ricoh GC-S leather case for only £29 with the Ricoh GR

Pentax Q10 + 5-15mm lens



12.4 MEGA PIXELS
5 FPS

In stock at only £249.00!

See website for full details
 Also available in 100 colours! Visit our website for details

Pentax Q7 + 5-15mm lens



12.4 MEGA PIXELS
Extra large sensor
NEW!

NEW & COMING SOON!

See website for full details
 Add a Pentax O-VF1 external viewfinder for only £149 with the Q7

Sign-up to our newsletter

Sign-up to our weekly newsletter to get exclusive promotions, bespoke offers and information on the latest products





wex

photographic
warehouse express

Voted Best Online Retailer 2002-2013
Best Specialist Retailer 2010-2013
Good Service Award Winner 2008-2013

PROFESSIONAL Dealer



NEW! Nikon 1: AW 1
From **£749**

NEW! Nikon 1 AW1 + 11-27.5mm Silver, White or Black **£749**
NEW! Nikon 1 AW1 + 11-27.5mm + 10mm Black **£949**
V2 + 10-30mm Lens **£579 Inc £80 Cashback***
Price you pay today **£659**
V2 + 10-30mm + 30-110mm **£719 Inc £80 Cashback***
Price you pay today **£799**



D3200 Body £317

D3200 + 18-55mm f3.5-5.6 G AF-S DX VR £325 Inc Cashback*
Price you pay today **£355**
D3200 + 18-55mm VR + 55-300mm £559.05 Inc £70 Cashback*
Price you pay today **£629.05**



D5200 Body From £508

£458 Inc Cashback*
Price you pay today **£508**
D5200 + 18-55mm f3.5-5.6 G AF-S DX VR £489 Inc Cashback*
Price you pay today **£539**



NEW! D5300 From £689

D5300 Body £689
D5300 + 24-85mm lens £739



D4 Body £4225



D7000 Body £579

D7000 + 18-105mm VR £638 Inc Cashback*
Price you pay today **£708**
D7000 + 18-105mm VR + 70-300mm £1037 Inc £110 Cashback*
Price you pay today **£1147**

CUSTOMER REVIEW: D7000 Body
★★★★★ 'great all round camera'
Totally - Nottinghamshire



D7100 From £839

D7100 Body £739 Inc Cashback*
Price you pay today **£839**
D7100 + 18-105mm VR £849 Inc Cashback*
Price you pay today **£949**

CUSTOMER REVIEW: D7100 Body
★★★★★ D7100 good lightweight camera
Sammydo - Lister



NEW! D610 From £1499

NEW! D610 Body £1499
NEW! D610 + 24-85mm lens £1979



D800 Body £1962

D800 Body £1802 Inc Cashback*
Price you pay today **£1962**
D800E Body £2349

Nikon Cashback* ends 26.01.14

★★★★★ CUSTOMER PRODUCT REVIEWS ★★★★★
There are currently over 7000 product reviews on our site - visit us today to read what our customers think of the products we sell!

SONY



NEW! A7R Body £1699

NEW! A7R Body £1699
NEW! A7 Body £1299
NEW! A7 + 28-70mm £1549
RECOMMENDED LENSES:
Sony FE 55mm F1.8 ZA Carl Zeiss Sonnar T* **£929**
Sony FE 35mm F2.8 ZA Carl Zeiss Sonnar T* **£749**



NEX-6 Body £529

NEX-6 + 16-50mm PZ £578
NEX-6 + 16-50mm PZ + 55-210mm £779
NEX-3N + 16-50mm PZ £299
NEX-7 Body £695
NEX-7 + 18-55mm Black £775



A99 Body £1999

A99 Body Black £1999
A77 £729
A58 + 18-55mm £379
A58 + 18-55mm + 55-200mm £519
RECOMMENDED LENSES:
Sony 50mm f1.4 **£305**
Sony 16-50mm f2.8 DT SSM **£499**

Panasonic



NEW! GM1 + 12-32mm £629

G6 Cashback* Offers:
G6 + 14-42mm £479 Inc £50 Cashback*
Price you pay today **£529**
G6 + 14-140mm £549 Inc £100 Cashback*
Price you pay today **£649**



NEW! GX7 Body £719

NEW! GX7 + 14-42mm £829
NEW! GX7 + 20mm £899
RECOMMENDED LENSES:
12-35mm f2.8 Vario Power OIS **£849**
NEW! 14-140mm f3.5-5.6 OIS £549

OLYMPUS



NEW! OM-D E-M1 From £1299

OM-D E-M1 Body £1299
OM-D E-M1 + 12-50mm £1499
OM-D E-M1 + 12-40mm £1949
OM-D E-M5 Body £749
OM-D E-M5 + 12-50mm £899
RECOMMENDED LENSES:
Olympus 12mm f2.0 ED **£899**
Olympus 17mm f1.8 **£369**



E-P5 Body £849

E-P5 + 14-42mm £969
E-P5 + 17mm + VF-4 Electronic Viewfinder £1299
E-PL5 + 14-42mm £449
E-PL5 + 14-42mm + 40-150mm £649
E-PM2 + 14-42mm £389
E-PM2 + 14-42mm + 40-150mm £529



NEW! K-3 From £1089

K-3 Body £1089
K-3 + 18-135mm £1449
K-5 II + 18-55mm WR £718
K-5 II + 18-135mm WR £999
K-5 IIs Body £799
K-50 From £519
K-500 From £349

FUJIFILM



NEW! X-E2 From £799

With a 16.3 megapixel APS-C X-Trans sensor the X-E2 delivers lightning fast autofocus and incredible sharpness.
X-E2 Body £799
X-E2 + 18-55mm £1199
NEW! X-A1 + 16-50mm Red, Blue or Black £449



X-Pro1 £906

X-Pro1 Body £906
X-E1 Body £599
X-E1 + 18-55mm £849
RECOMMENDED X-MOUNT LENSES:
Fujinon 14mm f2.8 R XF **£699**
Fujinon 18mm f2.0 R **£429**
Fujinon 35mm f1.4 R **£429**
Fujinon 60mm f2.4 R **£465**
Fujinon 18-55mm f2.8-4.0 OIS **£499**


01603 208761

Call us Mon-Fri 8am-7pm

Visit www.wexphotographic.com

Visit our **Norwich Showroom** – open from 10am Daily
Drayton High Road, (opposite ASDA) Norwich. NR6 5DP.

NEW!



Canon

Capture the moment at 7 frames per second

The new EOS 70D with Wi-Fi capability incorporates the new Dual Pixel CMOS AF technology enabling fast and smooth AF tracking whilst shooting movies or stills in Live View mode.

EOS 70D
20.2 megapixels
7.0 fps
1080p movie mode

70D Body £869
70D + 18-55mm f3.5-5.6 IS STM £989
70D + 18-135mm f3.5-5.6 IS STM £1179

NEW! 70D From **£869**

Canon EOS 100D

18.0 megapixels
4.0 fps
1080p movie mode

£40 CASHBACK*

100D From **£399**

100D Body £359 Inc Cashback*
Price you pay today **£399**

100D + 18-55mm f3.5-5.6 £458 Inc Cashback*
Price you pay today **£498**

100D + 18-55mm f3.5-5.6 IS STM + 40mm f2.8 STM £609 Inc Cashback*
Price you pay today **£649**

Canon 700D

18.0 megapixels
5.0 fps
1080p movie mode

£50 CASHBACK*

700D From **£485**

700D Body £435 Inc Cashback*
Price you pay today **£485**

700D + 18-55mm f3.5-5.6 IS STM £510 Inc Cashback*
Price you pay today **£560**

700D + 18-135mm f3.5-5.6 IS STM £707 Inc Cashback*
Price you pay today **£757**

700D + 18-135mm f3.5-5.6 IS STM + 40mm f2.8 STM £839 Inc Cashback*
Price you pay today **£889**

Canon EOS 1Dx

18.1 megapixels
12.0 fps
Full Frame CMOS sensor

1Dx Body **£4845**

CUSTOMER REVIEW: EOS 1D X Digital SLR Camera Body
"...honestly say that I have never been so excited about my equipment!"
Snapperfish - Oxford

CUSTOMER REVIEW: EOS 1D X Digital SLR Camera Body
"...bought this as an upgrade to the 5D Mk 2 and have never looked back!"
Dave - Cornwall

CUSTOMER REVIEW: EOS 1D X Digital SLR Camera Body
"...The full frame sensor is superb!"
Sander Cath - Luton

Canon EOS 7D

18.0 megapixels
8.0 fps
1080p movie mode

7D Body **£1029**

7D + 18-135mm f3.5-5.6 IS £1259
7D + 15-85mm f3.5-5.6 IS USM £1475
7D + 70-300mm f4.0-5.6 L IS USM £2099

Canon EOS 6D

20.2 megapixels
4.5 fps
1080p movie mode
Full Frame CMOS sensor

6D From **£1399**

6D Body £1399
6D + 24-105mm f4.0 L IS USM £1949

Canon 5D Mark III

22.3 megapixels
6.0 fps
1080p movie mode
Full Frame CMOS sensor

5D Mark III From **£2329**

5D Mark III Body £2329
5D Mark III + 24-105mm f4 L IS USM £2955
5D Mark III + 24-70mm f2.8 L USM II £4137

For our full range of DSLR Accessories including remotes, spare batteries and battery grips visit our website at www.wexphotographic.com

CUSTOMER REVIEW: 5D Mark III +
"Mind blowing! clear photography"
Zeta - Ireland

Tripods

GTZO

GT3542 LS
• 146.5cm Max Height
• 9.4cm Min Height

6X Systematic Series:
GT3542 LS£649
GT3542 XLS£699
GT4542 LS£749
GT5542 LS£799
GT5562 GTS£1049

Manfrotto
Imagine More

NEW!

MT190XPRO3
• 160cm Max Height
• 9cm Min Height

MT190XPRO3£184.95
MT190XPRO4£199.95
MT190XPRO3 Carbon Fibre£344.95
MT190XPRO4 Carbon Fibre£359.95
MT190XPRO3 + 496RC2 Ball Head£249.95
MT190XPRO4 + 496RC2 Ball Head£264.95

GIOTTO

Silk Road YTL8353
• 171cm Max Height
• 19cm Min Height
SILK ROAD - 3D Column:
YTL9353 Aluminium£99.95
YTL9383 Aluminium£109.95
YTL8353 Carbon Fibre£209
YTL8354 Carbon Fibre£209
YTL8383 Carbon Fibre£239
YTL8384 Carbon Fibre£239

Camera Photographer
GOOD SERVICE AWARD
2014

If we have served you well please vote for us in the **Good Service Awards 2014**

You can vote online at: <http://bit.ly/wexGSA>
Thank you!

Flashguns & Lighting Accessories

Canon Speedlites: **£40 CASHBACK***
430EX II £169 Inc £40 Cashback*
You pay £209

Macrolites: 600EX-RT £469

Nikon Speedlights: **£60 CASHBACK***
SB910 £279 Inc £60 Cashback*
You pay £339

Kits: R1 Close-Up £415, R1C1 £559

SONY Flashguns: HVL-F43M £275, HVL-F60AM £459

OLYMPUS Flashguns: FL-300R £139.99, FL-600R £299

PENAL Flashguns: AF 540FGZ £349.99, AF 360FGZ £219.99

Flashguns: 24 AF-1 £59.99, 44 AF-1 £139.99, 52 AF-1 £199.99, 58 AF-2 £289, 15 MS-1 £295.99

Macro flash: 15 MS-1 £295.99

SIGMA Flashguns: EF 610 DG ST £109.99, EF 610 DG Super £159.99

Nissin Flashguns: MG8000 £399, Di7000 £159, Di866 Mark II £199

SUNPAK Flashguns: PZ42X £109.99, PF30X £69.99, 16R Pro £337.99

SEKONIC: Sekonic L-308S £139, Pro 478DR £324.99

GOSSEN: DigiPro F £159.99

PocketWizard: MiniTT1 £149, FlexTT5 £149, Plus III Set £229, PlusX Set £169.99, Sand Bag £9.99, 3m Background Support £99, Light Stands From £8.99

Softlite Reflector Kits: Inc Honeycomb & Diffuser: 42cm £79, 55cm £79, 70cm £129

Rogue: FlashBender From £23.99

INTERFIT: Folding Softbox From £54.99, Reflector Bracket £24.99

Westcott: Micro Apollo £25.99, Collapsible Umbrella Flash Kit £65

Lastolite: Ezybox Softbox £44.99, Ezybox Hotshoe From £89.99, EzyBalance Grey £19.99, Background Support £124.99, TriFlip Kits From £69.99, Urban Collapsible £165

Reflectors: 30cm £12.50, 50cm £22.99, 75cm £34.99, 95cm £59, 120cm £74.99

Off Camera: Flash Cord From £30.99

Tilthead £17.99

Terms and Conditions
All prices incl. VAT at 20%. Prices correct at time of going to press. FREE Delivery** available on orders over £150 (based on a 4 day delivery service). For orders under £150 the charge is £2.99** (based on a 4 day delivery service). For Next Working Day Delivery our charges are £4.99**.

Saturday deliveries are charged at a rate of £7.50**.

(**Deliveries of very heavy items, or to some European countries, N.I., remote areas of Scotland & Ch. Isles may be subject to extra charges.) E. & O.E. Prices subject to change. Goods subject to availability. Live Chat operates between 8am-7pm Mon-Fri and may not be available during peak periods. Wex Photographic is a trading name of Warehouse Express Limited. ©Warehouse Express 2013.

*CASHBACKS are redeemed via product registration with the manufacturer. Please refer to our website for details.

Wex Showroom - Visit us today
• Touch, Try and Buy latest Cameras & Accessories
• Over 13,000 products to choose from
• Award winning specialists!
Mon & Wed-Sat 10am-6pm, Tues 10.30am-6pm, Sun 10am-4pm Unit 8, Frenbury Estate, Norwich. NR6 5DP.

Our Christmas Shop is now open!
Visit us today at www.wexphotographic.com

You can follow us on
Twitter, Facebook and
Google+ to keep up-to-date with all the
latest offers, reviews and news!

Digital SLR Lenses

CANON LENSES

EF 20mm f2.8 USM	£409
EF 24mm f1.4L II USM	£1360
EF 24mm f2.8 IS USM	£458
TS-E 24mm f3.5 L II	£1699
EF 28mm f1.8 USM	£369
EF 35mm f1.4 L USM	£1158
EF 35mm f2.0	£208
EF 35mm f2.0 IS USM	£509
EF 40mm f2.8 STM	£144 Inc £25 Cashback*

Price you pay today £169

TS-E 45mm f2.8	£1129
EF 50mm f1.2 L USM	£1243
EF 50mm f1.4 USM	£299

EF-S 60mm f2.8 USM Macro

£325 Inc £40 Cashback*

Price you pay today £365

MP-E 65mm f2.8 1-5x Macro	£853
EF 85mm f1.8 USM	£298
TS-E 90mm f2.8	£1124
EF 100mm f2.8 USM Macro	£439
EF 100mm f2.8 L IS USM Macro	£749
EF 135mm f2.0 L USM	£898
EF 180mm f3.5 L USM Macro	£1273
EF 200mm f2.8 L USM II	£649
EF 300mm f2.8 L IS USM II	£5329
EF 300mm f4.0 L IS USM	£1139
EF 400mm f5.6 L USM II	£1129
EF 500mm f1.4 L IS USM II	£7765
EF 8-15mm f4.0 L USM Fisheye	£1099
EF-S 10-22mm f3.5-4.5 USM	£489
EF-S 15-85mm f3.5-5.6 IS USM	£592
EF 16-35mm f2.8 L USM II	£1219
EF 17-40mm f2.8 L USM	£639
EF-S 17-55mm f2.8 IS USM	£642
EF-S 17-85mm f4.0-5.6 IS USM	£359
EF-S 18-135mm f3.5-5.6 IS STM	£289 Inc £40 Cashback*

Price you pay today £329

EF-S 18-200mm f3.5-5.6 IS

£379 Inc £40 Cashback*

Price you pay today £419

EF 24-70mm f2.8 L USM II	£1808
EF 24-105mm f4.0 L IS USM	£815
EF 28-135mm f3.5-5.6 IS USM	£369
EF-S 55-250mm f4.0-5.6 IS II	£209
EF 70-200mm f2.8 L IS USM II	£1985
EF 70-200mm f4.0 L USM	£529
EF 70-200mm f4.0 L IS USM	£985
EF 70-300mm f4.0-5.6 IS USM	£328 Inc £40 Cashback*

Price you pay today £368

EF 70-300mm f4.0-5.6 L IS USM	£1238
EF 75-300mm f4.0-5.6 USM III	£235
EF 100-400mm f4.5-5.6 L IS USM	£1289



NIKON LENSES

24mm f3.5 D ED PC-E	£1465
NEW! 28mm f1.8 G AF-S	£505
35mm f1.8 G AF-S DX	£129 Inc £20 Cashback*

Price you pay today £149

45mm f2.8 D PC-E ED Micro	£1393
40mm f2.8 G AF-S DX Micro	£165 Inc £20 Cashback*

Price you pay today £185

50mm f1.4 G AF-S	£289
50mm f2.8 G AF-S ED Micro	£404
85mm f1.4 G AF-S	£1179
85mm f1.8 D AF	£299
85mm f2.8 D PC-E Micros	£1299
105mm f2.8 G AF-S VR IF ED Micro	£569 Inc £60 Cashback*

Price you pay today £629

135mm f2.0 D AF DC	£1029
180mm f2.8 D AF IF-ED	£695
200mm f4.0 AF Micro	£1179
300mm f4.0 D AF-S IF ED	£1029

10-24mm f3.5-4.5 G AF-S DX	£639
14-24mm f2.8 G ED AF-S	£1315
16-85mm f3.5-5.6 G ED AF-S DX VR	£388 Inc £50 Cashback*

Price you pay today £438

17-55mm f2.8 G ED DX AF-S IF	£1049
18-140mm f3.5-5.6 G ED AF-S DX VR	£509 Inc £50 Cashback*

Price you pay today £559

18-200mm f3.5-5.6 G ED AF-S DX VR II	£524 Inc £60 Cashback*
18-300mm f3.5-5.6 ED AF-S VR	£609 Inc £70 Cashback*

Price you pay today £679

24-70mm f2.8 G ED AF-S	£1125 Inc £120 Cashback*
24-85mm f2.8-4.0 D AF	£549

28-300mm f3.5-5.6 G ED AF-S VR	£589 Inc £70 Cashback*
55-200mm f4.5-5.6 G ED AF-S DX VR IF	£211 Inc £30 Cashback*

Price you pay today £241

55-300mm f4.5-5.6 G AF-S DX VR	£239 Inc £40 Cashback*
70-200mm f2.8 G ED AF-S VR II	£1445 Inc £160 Cashback*

Price you pay today £1605

70-300mm f4.5-5.6 G ED AF-S IF VR	£399 Inc £40 Cashback*
NEW! 80-400mm f4.5-5.6 ED AF-S VR	£2239

SIGMA

with 3 Year Warranty

SIGMA LENSES	
NEW! 30mm f1.4 DC HSM	£379
NEW! 35mm f1.4 DG HSM	£699

50mm f2.8 EX DG Macro	£269
50mm f1.4 EX DG HSM	£349
70mm f2.8 EX DG Macro	£369
85mm f1.4 EX DG HSM	£669
105mm f2.8 APO EX DG OS HSM Macro	£399
150mm f2.8 EX DG OS HSM Macro	£699
8-16mm f4.5-5.6 DC HSM	£549
10-20mm f4.0-5.6 EX DC HSM	£349
10-20mm f3.5 EX DC HSM	£399
12-24mm f4.5-5.6 EX DG HSM II	£599
17-70mm f2.8-4.0 DC OS HSM	£349
18-200mm f3.5-6.3 DC OS HSM II	£259
18-250mm f3.5-6.3 DC OS HSM	£306
18-250mm f3.5-6.3 DC Macro OS HSM	£319
24-70mm f2.8 IF EX DG HSM	£599
50-150mm f2.8 EX DG APO OS HSM	£749
50-200mm f4.0-5.6 DC OS HSM	£119
50-500mm f4.5-6.3 DG OS HSM	£999
70-200mm f2.8 EX DG OS HSM	£799
70-300mm f4.0-5.6 APO Macro Super DG	From £150
70-300mm f4.0-5.6 DG OS	£275
NEW! 120-300mm f2.8 OS	£2799
120-400mm f4.5-5.6 DG OS HSM	From £639
150-500mm f5.0-6.3 DG OS HSM	£749
EX DG APO Tele Converters	From £199

TAMRON

with 5 Year Warranty

TAMRON LENSES	
NEW! 90mm f2.8-4.0 VC USD Macro	£499
90mm f2.8 SP Di Macro	£369
180mm f3.5 Di SP AF Macro	£698
10-24mm f3.5-4.5 Di II LD SP AF ASP IF	£369
17-50mm f2.8 XR Di II VC	£349
18-200mm f3.5-6.3 AF XR Di II	£139
18-270mm f3.5-6.3 Di II VC PZD	£349
NEW! 24-70mm f2.8 Di VC USD SP	£839
28-75mm f2.8 XR Di	£359
NEW! 70-200mm f2.8 Di VC USD	£1099
70-300mm f4.5-5.6 SP Di VC USD	£289

Photo Bags & Rucksacks

lowepro
Transit Backpack
350AW Slate Grey
Holds a Pro DSLR with
Grip, up to 3
Lenses, Compact Tripod,
15" Laptop &
Accessories
Transit AW:
Sling 250 AW£82
Backpack 350 AW.....£98

Manfrotto
Imagine More
Manfrotto Professional
Backpacks
Designed to hold
a DSLR, lenses
and several accessories.
20£149.95
30£189.95
50£219.95

KATA
DR-465 DL
Perfect for carrying
a DSLR, 2"
Lenses, 17"
Laptop &
Accessories
DR-465 DL£69.95
DR-466 DL£69.99
DR-467 DL£74.99

tamrac
Expedition
5x Black
4x£124
5x£144
6x£161.99
7x£205
8x£230
9x£249

Billingham
Hadley Pro
Original
Khaki
Canvas/Leather: Khaki, Black
FibreNyte/Leather: Khaki,
Sage, Black.
Digital£119
Small£144
Large£164
Pro Original£174

Computing
Canon
PIXMA Pro 100£369
PIXMA Pro 10£499
PIXMA Pro 1£645
Spyder4 Pro£119
11 Display Pro£158
ColorMunki
Smile£67
Intuos5 Pro Professional
Pen and Touch Tablet
NEW! Small£189
NEW! Medium£269
NEW! Large£379

Digital Compact Cameras

Digital Compact Camera Batteries, Cases and Accessories are available on our website

Canon
PowerShot G16
£476.99
12.1 megapixels
5.0x optical zoom
1080p movie mode

Canon
PowerShot S120
£379.95
12.1 megapixels
5.0x optical zoom
1080p movie mode

Canon
PowerShot SX50 HS
£305
12.1 megapixels
50.0x optical zoom
1080p movie mode

PowerShot SX270 HS Blue or Grey	£169 Inc £30 Cashback*
PowerShot SX280 HS Red or Black	£189 Inc £30 Cashback*
PowerShot D20 Underwater Camera - Silver, Blue or Yellow	RRP £349£239
PowerShot S110	£229
PowerShot SX510 HS	£179 Inc £30 C/back*
PowerShot G1X	£431.99
IXUS 132 HS Blue, Pink, Silver or Black	£89
IXUS 225 HS Silver or Black	£144 Inc £30 Cashback*

PENTAX
Optio WG-3 GPS Purple or Green£229
MX-1 Silver or Black£234
Ricoh GR
16 Megapixel with fixed f2.8 GR lens£539

Panasonic
Lumix TZ40 £189 Inc £30 Cashback*
You pay £219
Red, White, Silver or Black
24x optical zoom

Lumix
Lumix TZ200 Black £379
Lumix LX7 Black £294
10.1 megapixels

Lumix LZ30 Red or Black	£134
Lumix S29 Silver or Black	£139
Lumix XS1 Red, Silver, White, Violet or Black	£79
Lumix FT25 Red, Blue, White or Black	£129
Lumix TZ35 Silver	£161.99
Lumix FT5 Blue, Orange, Silver or Black	£265
Lumix LF1 Black	£279
Lumix FZ72 Black	£314

OLYMPUS
NEW! Stylus 1 £549
SP-720 UZ Silver or BlackRRP £229.99£150
SZ-31 MR Silver or BlackRRP £299.99£179
SZ-15 White, Red, Blue or Black£139.99
TG-630 White, Red, Blue or Black£139
TG-830 Blue, Silver, Red or Black£199
SH-50 White, Silver or Black£197.99
XZ-10 White, Brown or Black£179
TG-2 Red or Black£233.99
XZ-2 Black£259

Nikon
Coolpix A £679
16.2 megapixels

Nikon
Coolpix P330 Black
RRP £349.99£199
12.0 megapixels
5x optical zoom

Coolpix L610 Silver, Red or Black	RRP £189.99£144
Coolpix S6400 Red, Purple, Silver, Blue or Black	RRP £199.99£144
Coolpix S9500 Black, Silver, Red or Bronze	£194
Coolpix AW110 Blue, Orange, Black or Camouflage	£214.95
Coolpix P520 Black, Silver or Red	£269

SONY
Cyber-Shot RX100 II £575
20.2 megapixels

FUJIFILM
FinePix X100s Black £989
16.3 megapixels
APS-C size sensor

FinePix
FinePix X20 £399
12.0 megapixels
12.0 fps

FinePix XP60 Blue, Green, Yellow, Red or Black	£129
FinePix S8500 White, Red or Black	£249
FinePix F900 White, Red or Black	£249
FinePix SL1000 Black	£249
FinePix X-S1 EXR Black	RRP £489.99£399
FinePix H550 Black	£319
NEW! FinePix XQ1 Black	£349

FREE Delivery on orders over £150**

****Based on a 4 day delivery service, UK only.**

Please visit our website: **www.mathersoflancashire.co.uk**

Canon



Canon EOS 1100D + EF-S18-55mm IS £299
Above + 55-250IS Mk II Lens...£469
Above + 75-300 USM Mk3...£449

Nikon



Nikon D3200 + 18-55mm VR £349*
Above + 55-300mm VR...£585*
Above + Sigma 70-300APO...£499*
Nikon D3200 Body Only...£299*
***Less Cashback £30-£70 With 2 Year Warranty**

Nikon



Nikon D5200 + 18-55mm VR £535*
Above + 55-300mm VR...£769*
Nikon D5200 Body Only...£475*
***Less Cashback £50-£90 With 2 Year Warranty**

Canon



Canon EOS 70D + 18-55mm STM £995
70D + 18-135mm IS STM Lens...£1179
70D Body Only...£869

FUJIFILM X



Fujifilm X-E2 + XF18-55 OIS £1169*
X-E2 Body only...£769*
***Includes Free Spare Battery (Available in Black or Silver)**

Panasonic LUMIX® G Series



Panasonic Lumix G-5+14-42mm Std Lens £339
Panasonic Lumix G-5 + 14-42mm + 45-150mm £528
G-5 Body Only...£295
With 3 Year Warranty



Panasonic Lumix G-6+14-42mm £499*
Panasonic Lumix G-6 + 14-42mm + 45-150mm £659*
G-6 + 14-140mm HD...£669**
***Less £50 Cashback **Less £100 Cashback With 3 Year Warranty**



Panasonic Lumix GM1+12-32mm £599*
Panasonic Lumix GM1 + 12-32mm + 45-150mm £799*
***Claim Free Hand Grip With 3 Year Warranty**



Panasonic Lumix GX7+20mm f1.7II...£869
GX7+14-42mm £769
GX7 Body Only £699 (Available in Black or Silver) With 3 Year Warranty

LUMIX® G Series Lenses

8mm f3.5 Fisheye	£569
14mm f2.5	£269
20mm f1.7 MkII (Black or Silver)	£289
7-14mm f4	£849
12-35mm f2.8	£859
14-42mm f3.5/5.6 MkII HD (Un-Boxed from Kit)	£149
X PZ 14-42mm f3.5-5.6	£279
X PZ 45-175mm f4-5.6	£315
14-140mm f3.5-5.6 O.I.S HD	£515
14-140mm f3.5-5.6 O.I.S HD (Un-Boxed from Kit)	£429
35-100mm f2.8	£929
45-150mm f4/5.6	£215
45-200mm f4-5.6	£249
100-300mm f4-5.6	£419
Leica Summilux 25mm f1.4 ASP	£429
Leica Elmarit DG Macro 45mm f2.8	£549

Panasonic

Lumix F5	£72
Lumix FS-50	£75
Lumix XS-1	£79
Lumix XS-3	£109
Lumix SZ-3	£94
Lumix SZ-9	£138
Lumix LZ-30	£148
Lumix FZ-62	£245
Lumix FZ-72	£285
Lumix FZ-72 Lens Kit	£399*
*Inc LT-55 Tele & LA8 Adap	
Lumix FZ-200	£369
Lumix TZ-35	£169
Lumix TZ-40	£219**
*Less £30 Cashback + Free Leather Case & 8Gb Card	
Lumix FT25	£139
Lumix FT5	£265
Lumix LX-7	£294
Lumix LF-1	£279
LT-55 Teleconverter	£119
LA-8 Lens Adaptor	£46

FUJIFILM X

X-A1+XC16-50	£449*
*Less £80 Cashback	
X-M1+XC16-50mm	£489**
X-M1 Body Only	£469
Free Half Case With X-M1	
X-E1+XF18-55	£879**
*Less £100 Cashback	
X-E1 Body Only	£589
X-E2+XF18-55	£1169
X-E2 Body Only	£769
X-Pro1+18mm f2	£939*
*Claim Free 27.35 or 60mm	
X-Pro1 Body Only	£849
XF14mm f2.8	£665
XF23mm f1.4	£769
XF27mm f2.8	£349*
XF18-55mm	£499*
*Less £60 Cashback	
XF18mm f2.0	£399**
XF35mm f1.4	£408**
XF60mm f2.4	£445**
*Less £100 Cashback	
XC16-50mm	£329
XC50-230mm	£349
XF55-200mm	£545
XQ1	£349
X20	£389
X100s Inc Free Leather Case	£949
SL1000	£195
HS50EXR	£329

SIGMA

19mm f2.8 A-DN (Pan4/3, Sony)	£149
30mm f2.8 A-DN (Pan4/3, Sony)	£149
60mm f2.8 A-DN (Pan4/3, Sony)	£149
30mm f1.4 A	£369*
*With Free USB Hub	
35mm f1.4 DG A HSM	£649
50mm f1.4 EX DG HSM	£329
85mm f1.4 EX DG HSM	£649
50mm f2.8 EX Macro DG	£266
70mm f2.8 EX Macro DG	£359
105mm f2.8 EX DG OS HSM Macro	£375
150mm f2.8 EX DG OS HSM Macro	£679
10-20mm f4-5.6 EX DC HSM	£349
10-20mm f3.5 EX DC HSM	£389
12-24mm f4.5/5.6 MK2 DG HSM	£589
17-50mm f2.8 EX DC OS HSM	£308
17-70mm f2.8-4 DC Macro OS HSM	£339
18-35mm f1.8 DCA	£619
18-250mm f3.5-6.3 DC OS Macro	£312
24-70mm f2.8 EX IF DG HSM	£585
24-105mm f4 A OS HSM (Can/Nik)	£689
50-150mm f2.8 EX DC OS HSM	£719
50-500mm APO EX DG (Can/Nik)	£969
70-200mm f2.8 APO EX DG OS	£749
70-300mm f4-5.6 APO DG Mac II	£159
120-400mm f4.5/5.6 APO OS HSM	£629
150-500mm APO DG OS HSM	£725
1.4x APO EX DG Conv (EX lenses)	£199
2x APO EX DG Conv (EX lenses)	£239

Nikon

Now With 2 Year Warranty + Cashback (See web for Details)

D5200+18-55VR Lens	£535*
D5200+18-55VR+55-300VR Lenses	£769*
D5200 Body Only	£475*
D5300+18-55VR Lens	£689
D5300+18-55VR+55-300VR Lenses	£919
D5300+18-140mm VR	£895
D5300 Body Only	£639
D7100+18-105EDVR Lens	£999*
D7100 Body Only	£849*
D610 Body Only	£1439
D610+AF-S24-85mm	£1849
AF-S28mm f1.8G	£499
AF-S40mm f2.8 Mac	£199*
AF-S50mm f1.8G	£159
AF-S50mm f1.4G	£295
AF-S60mm f2.8 Mac	£429
AF-S85mm f1.8G	£365
AF-S85mm f1.4G	£1199
AF-S85mm f3.5 Mac	£389
AF-S105f2.8 Mac VR	£649*
AF-S10-24mm ED	£649
AF-S12-24mm ED	£879
AF-S16-85 G VR	£449*
AF-S17-55mm G	£1049
AF-S18-35 G ED	£549
AF-S18-140 G VR	£399*
AF-S18-200G VR II	£599*
AF-S18-300 G VR	£679*
AF-S24-70 G ED	£1269*
AF-S24-85 G VR	£429
AF-S24-120 G VR	£829
AF-S28-300EDVR	£699*
AF-S55-200 G VR	£159
AF-S55-300 G VR	£239*
AF-S70-200mm f4 VR	£979
AF-S70-200mm f2.8 VR II	£1635*
AF-S70-300mm f4.5/5.6 ED VR	£469*
AF-S80-400mm f4.5/5.6 ED VR	£1895

Please visit our website for best prices on Lowepro bags, Hoya and Kood filters, Fuji memory cards, batteries and camera accessories. E&OE.

Canon

Ixus 132	£99
Ixus 135	£118
Ixus 140 HS	£128
Ixus 255 HS	£179*
PowerShot SX280HS	£239*
PowerShot SX510HS	£255*
PowerShot S120	£389
PowerShot SX50HS	£379
PowerShot G16	£465
PowerShot G1X	£469

*Less £30 Cashback

PLEASE NOTE WE STILL STOCK FILM! SEE OUR WEBSITE FOR FULL RANGE

SIGMA 3
3 YEAR UK WARRANTY
For registration and conditions log on to: www.sigma-imaging-uk.com/warranty




We are a small, family owned and run company, specialising in photographic consumables - and proud winners of a 2013 Good Service Award. We are located in Leamington Spa, in the heart of Warwickshire - if you are passing, please pop into our shop, and meet Cooper - our new office dog!

01926 339977 www.premier-ink.co.uk




PRINTER INK CARTRIDGES



EPSON

COMPATIBLE & ORIGINAL INK



At Premier Ink Supplies, we stock two types of cartridges for Epson printers - **Originals**, which are made by Epson, and **Compatibles**, which are made by a UK company called **Jet Tec**. Using **Jet Tec Compatibles** is a way of saving money, without compromising on the quality of your prints. Here're the results from two independent ink tests that agree...

Digital PHOTOGRAPHY

Ink Test Winner

★★★★★

"Jet Tec's colours were superb, with single greys and blacks very close to Epson ...so Jet Tec wins!"
- Total Digital Photography Magazine

"What we're looking at here is not only the best choice of ink for the R300 printer, but also the best ink in this group test, period. There's just no getting away from the superb combination of performance and pricing"
- Computer Upgrade Magazine

Cartridge Code:	Originals:	Jet Tec Compatibles:	Suitable EPSON Printers:
T007 Black	£29.99 16ml	£3.99 20ml, 3 for £10.99	Photo 790, 870, 890, 895, 900, 915, 1290
T008 Colour	£23.99 46ml	£4.99 50ml, 3 for £13.99	Photo 790, 870, 890, 895, 915
T009 Colour	£29.99 66ml	£4.99 70ml, 3 for £13.99	Photo 900, 1270, 1290
T026 Black	£39.99 16ml	£3.99 20ml, 3 for £10.99	Photo 810, 830, 830u, 925, 935
T027 Colour	£29.99 46ml	£4.99 50ml, 3 for £13.99	
T0341-T0347 Set of 7	£126.99 set of 7	Check Website.	Photo 2100
T0341/8, each	£15.99 17ml	Check Website.	Chameleon Inks
T0342/3/4, each	£18.99 17ml	Check Website.	
T0345/6/7, each	£18.99 17ml	Check Website.	
T0441-T0454 Set of 4	£49.99 set of 4	£14.99 , 3 sets for £42.99	C64, C66, C84, C86, CX3600/3650, CX8400, CX8600
T0441 Black	£21.99 13ml	£3.99 21ml, 3 for £13.99	Parasol Inks
T0452/3/4, each	£11.99 8ml	£3.99 21ml, 3 for £10.99	R200, R220, R300, R320, R340
T0481-T0486 Set of 6	£69.99 set of 6	£19.99 , 3 sets for £56.99	RX500, RX600, RX620, RX840
T0481/2/3, each	£16.99 13ml	£3.99 21ml, 3 for £10.99	Seahorse Inks
T0484/5/6, each	£16.99 13ml	£3.99 21ml, 3 for £10.99	Photo R800, R1800
T0540-T0549 Set of 8	£109.99 set of 8	£35.99 , 3 sets for £99.99	Frog Inks
T0540 Gloss	£8.99 13ml	£3.99 21ml, 3 for £13.99	
T0541/2/3/4, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	Photo R240, R245, RX420, RX425, RX520, RX525
T0547/8/9, each	£14.99 13ml	£4.99 21ml, 3 for £13.99	Duck Inks
T0551-T0554 Set of 4	£34.99 set of 4	£14.99 , 3 sets for £42.99	Photo R2400
T0551 Black	£8.99 8ml	£3.99 21ml, 3 for £10.99	Lilly Inks
T0552/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	
T0591-T0599 Set of 8	£99.99 set of 8	Check Website.	D68, D88, DX3800/3850, DX4200/4250, DX4800/4850
T0591/2/3, each	£12.99 13ml	Check Website.	Teddy Bear Inks
T0594/5/6, each	£12.99 13ml	Check Website.	S20, S21, SX100/105/110/115/120/205/210/215
T0597/8/9, each	£12.99 13ml	Check Website.	SX400/405/415/515, D78/82/120, B40W, BX300
T0611-T0614 Set of 4	£34.99 set of 4	£14.99 , 3 sets for £42.99	DX4000/4400/5000/6000/7000/7400/8400/9400
T0611 Black	£8.99 8ml	£4.99 21ml, 3 for £13.99	Photo 1400
T0612/3/4, each	£8.99 8ml	£3.99 21ml, 3 for £10.99	Owl Inks
T0711-T0714 Set of 4	£34.99 set of 4	£14.99 , 3 sets for £42.99	Photo P50, PX650/660/700W/110W/120W, PX730W/D800F/W810F/W830F/W830F/W
T0711 Black	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	R265/285/360, RX580/585/685
T0712/3/4, each	£8.99 5.5ml	£3.99 13ml, 3 for £10.99	Photo R1900
T0791-T0796 Set of 6	£74.99 set of 6	Check Website.	Fleming Inks
T0791/2/3, each	£12.99 10ml	Check Website.	
T0794/5/6, each	£12.99 10ml	Check Website.	
T0801-T0806 Set of 6	£51.99 set of 6	£19.99 , 3 sets for £57.99	Photo R2880
T0801/2/3, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	Husky Inks
T0804/5/6, each	£8.99 7.4ml	£3.99 13ml, 3 for £10.99	
T0870-T0879 Set of 8	£74.99 set of 8	Check Website.	S22, SX125/130, SX420W/425W/445W, BX301F
T0870 Gloss	£7.99 11.4ml	Check Website.	Fox Inks
T0871/2/3/4, each	£9.99 11.4ml	Check Website.	SX420W/425W/445W/525W/620F/W, BX305F/320F/W/525W/535W/625F/W/630F/W, BX635F/W/BX935F/W/BX935F/W, B42W
T0877/8/9, each	£9.99 11.4ml	Check Website.	Photo R3000 Turtle Inks
T0961-T0969 Set of 8	£74.99 set of 8	Check Website.	Photo R2000 Kingfisher Inks
T0961/2/3/4/5, each	£9.99 11.4ml	Check Website.	Photo R2000 Penguin Inks
T0966/7/8/9, each	£9.99 11.4ml	Check Website.	Photo Pro 3800, 3880
T1281-T1284 Set of 4	£29.99 set of 4	£14.99 set of 4	Workforce WF-2010W, 2510WF, 2520NF, 2530WF, 2540WF
T1281 Black	£7.99 5.9ml	£4.99 13ml	Fountain Pen Inks
T1282/3/4, each	£7.99 5.5ml	£3.99 10ml	Expression Home XP300, XP102, XP202, XP205
T1291-T1294 Set of 4	£42.99 set of 4	£16.99 sets of 4	XP302, XP305, XP402, XP405
T1291 Black	£10.99 11.2ml	£5.49 16ml	Daisy Inks
T1292/3/4, each	£10.99 7.4ml	£4.49 13ml	Expression Home XP300, XP102, XP202, XP205
T1571-9, each	£20.99 25.9ml each or £164.99 set of 8		XP302, XP305, XP402, XP405
T1591-9, each	£14.99 17ml each or £107.99 set of 8		High Capacity Daisy Inks
T5591-6, each	£13.99 13ml each or £74.99 set of 6		Expression Photo XP750, XP850
T5801-9, each	£41.99 80ml each or £329.99 set of 8		Elephant Inks
No.16 Set of 4	£24.99 set of 4	£14.99 set of 4	Expression Photo XP750, XP850
No.16 Black	£7.99 5.4ml	£4.99 18ml	High Capacity Elephant Inks
No.16 C/M/Y, each	£5.99 3.1ml	£3.99 13ml	Expression Premium XP600, XP605, XP700, XP800
No.16XL Set of 4	£44.99 set of 4	£14.99 set of 4	Polar Bear Inks
No.16XL Black	£14.99 12.9ml	£4.99 18ml	Expression Premium XP600, XP605, XP700, XP800
No.16XL C/M/Y, each	£11.99 6.5ml	£3.99 13ml	High Capacity Polar Bear Inks
No.18 Set of 4	£22.99 set of 4	£14.99 set of 4	
No.18 Black	£7.99 5.2ml	£4.99 18ml	
No.18 C/M/Y, each	£5.99 3.3ml	£3.99 13ml	
No.18XL Set of 4	£46.99 set of 4	£14.99 set of 4	
No.18XL Black	£14.99 11.5ml	£4.99 18ml	
No.18XL C/M/Y, each	£11.99 6.6ml	£3.99 13ml	
No.24 Set of 6	£44.99 set of 6		
No.24 B/L/C/M, each	£7.99 5.1ml		
No.24 C/M/Y, each	£7.99 4.6ml		
No.24XL Set of 6	£69.99 set of 6		
No.24XL B/L/C/M, each	£11.99 9.8ml		
No.24XL C/M/Y, each	£11.99 8.7ml		
No.26 Set of 4 (no PB)	£30.99 set of 4		
No.26 Black	£8.99 6.2ml		
No.26 Photo Black	£7.99 4.7ml		
No.26 C/M/Y, each	£7.99 4.5ml		
No.26XL Set of 4 (no PB)	£54.99 set of 4		
No.26XL Black	£14.99 12.1ml		
No.26XL Photo Black	£13.99 8.7ml		
No.26XL C/M/Y, each	£13.99 8.7ml		

If you cannot find the ink cartridges for your printer, please check our website, or give us a call, and we'll do our best to help. We stock what is probably the UK's largest range of ink cartridges and photo paper, including wide format ink cartridges and roll papers.

Canon

Canon Originals

BCI6 All colours, 13ml, each	£8.99
PGI5 Black 26ml	£12.99
CL18 All colours, 13ml, each	£10.99
CL142 All colours, 13ml, each	£10.99
CL142 Set of 8	£79.99
PGI9 All colours, 14ml, each	£9.99
PGI9 Set of 10	£89.99
PGI29 All colours, 36ml, each	£22.99
PGI29 Set of 12	£269.99
PGI72 All colours, 14ml, each	£10.99
PGI72 Set of 10	£99.99
PGI520 Black 19ml	£10.99
CL1521 B/C/M/Y/GY 9ml	£9.99
PGI520/CL1521 Set of 5	£46.99
PGI525 Black 19ml	£10.99
CL1526 B/C/M/Y/GY 9ml	£9.99
PGI525/CL1526 Set of 5	£46.99
PGI550 Black 15ml	£10.99
CL1551 B/C/M/Y/GY 7ml	£8.99
PGI550/CL1551 Set of 5	£42.99
PG40 Black 16ml	£14.99
PG50 Black 22ml	£21.99
PG510 Black 9ml	£11.99
PG512 Black 15ml	£16.99
PG540XL Black 21ml	£17.99
PG545XL Black 15ml	£16.99
CL41 Colour 12ml	£18.99
CL51 Colour 21ml	£25.99
CL511 Colour 9ml	£15.99
CL513 Colour 13ml	£20.99
CL541XL Colour 15ml	£19.99
CL546XL Colour 13ml	£18.99

Canon Compatibles

BCI6 All colours, 15ml, each	£2.99
PGI5 Black 26ml	£4.99
CL18 B/C/M/Y/PC/PM 15ml	£3.99
PGI520 Black 19ml	£4.99
CL1521 B/C/M/Y/GY 9ml	£3.99
PGI525 Black 19ml	£4.99
CL1526 B/C/M/Y/GY 9ml	£3.99
PGI550XL Black 25ml	£4.99
CL1551XL B/C/M/Y/GY 12ml	£3.99
PG40 Black 28ml	£13.99
PG50 Black 28ml	£12.99
PG510 Black 11.5ml	£13.99
PG512 Black 18ml	£14.99
PG540XL Black 21ml	£13.99
CL41 Colour 16ml	£16.99
CL51 Colour 24ml	£14.99
CL512 Colour 11.5ml	£15.99
CL513 Colour 15ml	£16.99
CL541XL Colour 15ml	£15.99

Many more in stock!

HP

HP Originals

No.38 All Colours 27ml each	£26.99
No.300 Black 4ml	£10.99
No.300 Colour 4ml	£12.99
No.301 Black 3ml	£9.99
No.301 Colour 3ml	£11.99
No.337 Black 11ml	£18.99
No.338 Black 11ml	£18.99
No.339 Black 21ml	£25.99
No.343 Colour 7ml	£20.99
No.344 Colour 14ml	£28.99
No.350 Black 4.5ml	£11.99
No.351 Colour 3.5ml	£14.99
No.383 Black 8ml	£13.99
No.383 C/M/Y/PC/PM each	£9.99
No.384 Black 8ml	£7.99
No.384 B/C/M/Y 3ml each	£6.99
No.384 Set of 4	£22.99
No.901 Black 4ml	£11.99
No.901 Colour 9ml	£14.99
No.920XL Set of 4	£46.99
No.932XL Black 22.5ml each	£21.99
No.933XL C/M/Y 8.5ml each	£9.99
No.940XL Set of 4	£69.99
No.950XL Black 53ml each	£24.99
No.951XL C/M/Y 24ml each	£17.99

HP Compatibles

No.15 Black 46ml	£4.99
No.21 Black 10ml	£7.99
No.22 Colour 21ml	£11.99
No.45 Black 45ml	£4.99
No.56 Black 24ml	£9.99
No.57 Colour 24ml	£12.99
No.78 Colour 36ml	£9.99
No.110 Colour 12ml	£10.99
No.300XL Black 18ml	£14.99
No.300XL Colour 18ml	£16.99
No.301XL Black 15ml	£14.99
No.301XL Colour 18ml	£16.99
No.336 Black 10ml	£7.99
No.337 Black 21ml	£10.99
No.338 Black 21ml	£10.99
No.339 Black 34ml	£12.99
No.342 Colour 12ml	£10.99
No.343 Colour 21ml	£12.99
No.344 Colour 21ml	£14.99
No.348 Photo 21ml	£12.99
No.350XL Black 30ml	£14.99
No.351XL Colour 20ml	£16.99
No.363 Black 20ml	£6.99
No.363 C/M/Y/PC/PM each	£4.99
No.364XL Black 18ml	£9.99
No.364XL C/M/Y 11ml each	£8.99

Many more in stock!

Kodak

Kodak Original Ink / Paper

ESP Black Series 10 Ink	£6.99
ESP Colour Series 10 Ink	£12.99
ESP Black Series 30 Ink	£6.99
ESP Colour Series 30 Ink	£12.99
ESP Black/Colour Twin Packs	£18.99

Kodak Photo Paper also in stock!

brother

Brother Originals

LC1100 Set of 4	£36.99
LC1240 Set of 4	£47.99
LC1280XL Set of 4	£65.99

Brother Compatibles

LC900 Set of 4	£11.99
LC970 / 1000 Set of 4	£11.99
LC980 / 1100 Set of 4	£11.99
LC985 Set of 4	£11.99
LC1240 Set of 4	£11.99
LC1280XL Set of 4	£15.99

Many more in stock!

LEXMARK

Lexmark Originals

No.14 Black	£18.99
No.15 Colour	£20.99
No.28 Black	£18.99
No.29 Colour	£19.99
No.32 Black	£22.99
No.33 Colour	£24.99
No.36 Black	£19.99
No.37 Colour	£20.99
No.100 Set of 4	£39.99

Lexmark Compatibles

No.1 Colour	£10.99
No.2 Colour	£11.99
No.3 Black	£14.99
No.16 Black	£11.99
No.17 Black	£9.99
No.26 Colour	£12.99
No.27 Colour	£11.99
No.32 Black	£9.99
No.33 Colour	£11.99
No.34 Black	£11.99
No.35 Colour	£12.99

Many more in stock!

PHOTOGRAPHIC PAPERS & MOUNTS

ILFORD GALLERY premium

Premium Gloss 270g, 6x4, 50h	£9.99 + £0 FREE
Premium Gloss 270g, A4, 25h	£11.99 + £2 FREE
Premium Lustre 270g, 6x4, 50h	£9.99 + £0 FREE
Premium Lustre 270g, A4, 25h	£11.99 + £2 FREE
Smooth Heavyweight Matt 200g, A4, 50h	£14.99

ILFORD GALLERY Prestige

Good reasons to shop at MIFSUD PHOTOGRAPHIC

Canon EOS DSLRS & KITS

1DX body.....	£4849
5D MKIII body.....	£2328
5D MKIII plus 24-105 IS.....	£2949
6D body.....	£1399
6D plus 24-105 IS.....	£1949
70D body.....	£884
70D plus 18-55 STM.....	£999
70D plus 18-135 STM.....	£1179
700D body.....	£485
700D plus 18-55 STM.....	£569
100D body.....	£419
100D plus 18-55 STM.....	£519
1100D body.....	£239

MIFSUDS ARE CANON PROFESSIONAL STOCKISTS

COMPACT CAMERAS

SX50.....	£349
SX510HS.....	£189
G1X.....	£439
G16.....	£469
EF-S NON FULL FRAME LENSES	
10-22 F3.5/4.5 USM.....	£499
15-85 F3.5/5.6 IS U no box.....	£549
18-55 F3.5/5.6 IS no box.....	£129
18-135 F3.5/5.6 IS STM.....	£319
60 F2.8 Macro USM.....	£359
EF LENSES	
8-15 F4 L USM Fisheye.....	£1099
16-35 F2.8 MKII L USM.....	£1219
17 TSE F4 L Shift.....	£1959
17-40 F4 USM L.....	£649
20 F2.8 USM.....	£389
24 F1.4 L II USM.....	£1363
24 F2.8 IS USM.....	£459
24 F3.5 L TSE MKII.....	£1729
24-70 F2.8 L II USM.....	£1809

24-70 F4 L IS U no box.....	£POA
24-105 F4 L IS U no box.....	£639
28 F1.8 USM.....	£389
28 F2.8 IS USM.....	£429
35 F1.4 L USM.....	£1129
35 F2 IS USM.....	£489
40 F2.8 STM.....	£159
50 F1.2 L USM.....	£1299
50 F1.4 USM.....	£309
50 F1.8 II.....	£99
70-200 F2.8 IS USM LII.....	£1985
70-200 F2.8 non IS L USM.....	£1019
70-200 F4 L IS USM.....	£990
70-200 F4 L USM.....	£534
70-300 F4/5.6 L IS USM.....	£1239
70-300 F4.5/5.6 IS USM.....	£429
85 F1.2 L II.....	£1769
85 F1.8 USM.....	£319
100 F2.8 IS L USM macro.....	£749
100 F2.8 Macro USM.....	£444
100-400 F4.5/5.6 IS L USM.....	£1329

135 F2 L USM.....	£929
180 F3.5 L USM Macro.....	£1229
200 F2.8 II L USM.....	£639
300 F4 L IS USM.....	£1189
400 F5.6 L USM.....	£1149
Extension tube 12II.....	£79
Extension tube 25II.....	£129
1.4x III converter.....	£409
2x III converter.....	£409
FLASH & ACCESSORIES	
600EX RT.....	£449
MR 14EX.....	£499
MT-24EX.....	£789
BG-E11 grip (5D MKIII).....	£239
BG-E13 grip (6D).....	£199
BG-E14 grip (70D).....	£219
Drop In Circ Polariser II.....	£199
ST-E3.....	£239
ST-E2.....	£169
GP-E2.....	£269

MORE ON WEBSITE

	200-400 f4 IS L USM.....	£10999
	300 f2.8 IS L USM II.....	£5299
	400 f2.8 IS L USM II.....	£8199
	500 f4 IS L USM II.....	£7779
	600 f4 IS L USM II.....	£10399

Nikon DSLRs & KITS

D4 body.....	£4239
Df + 50 f1.8 AFS G.....	£2749
D800 body.....	£1969
D800e body.....	£2349
D610 body.....	£1499
D7100 body.....	£839
D7100 plus 18-105 VR.....	£979
D7000 body.....	£569
D7000 plus 18-105 VR.....	£719
D5300 body.....	£679
D5300 plus 18-55 VR.....	£749
D3200 body.....	£319
D3200 plus 18-55 VR.....	£369

MIFSUDS ARE NIKON PROFESSIONAL DEALERS

DIGITAL ONLY DX LENSES

10.5 F2.8.....	£529
10-24 F3.5/4.5 G AFS.....	£629
16-85 F3.5/5.6 AFS VR.....	£439
18-105 F3.5/5.6 G.....	£149
ED VR no box.....	£149
18-140 F3.5/5.6 VR.....	£579
18-300 F3.5/5.6 G ED VR.....	£689
35 F1.8 G.....	£169
40 F2.8 G.....	£199
55-300 F4.5/5.6 G VR.....	£249
85 F3.5 G VR.....	£399
LENSES	
14 F2.8 AF D One only.....	£997
14-24 F2.8 G ED AFS.....	£1337
18-35 F3.5/4.5 G AFS.....	£629
18-55 F3.5/5.6 VR.....	£99
20 F2.8 AF-D.....	£489
24 F3.5 PCE.....	£1499

24-70 F2.8 G ED AFS.....	£1239
24-85 F3.5/4.5 G ED VR.....	£399
24-120 F4 G ED VR.....	£849
28 F1.8 AF S.....	£519
28-300 F3.5/5.6 G ED VR.....	£689
35 F1.4 G.....	£1399
35 F2 AF-D.....	£289
50 F1.4 AFS G.....	£299
50 F1.8 G.....	£169
50 F1.8 AF-D.....	£129
60 F2.8 AFS.....	£399
58 F1.4 G.....	£1599
70-200 F2.8 VR II.....	£1649
70-300 F4.5/5.6 VR.....	£389
85 F1.4 AFS G.....	£1175
85 F1.8 AFS G.....	£377
105 F2.8 VR macro.....	£649
200-400 F4 VR II.....	£4949
300 F2.8 AFS G VR II.....	£4189

300 F4 AF-S.....	£1049
400 F2.8 AFS VR II.....	£8666
500 F4 AFS VR II.....	£5777
800 F5.6 AFS VR.....	£15599
TC14EII converter.....	£329
TC17EII converter.....	£329
TC20EII converter.....	£389
FLASH & ACCESSORIES	
SB-700.....	£239
SB-910.....	£349
SBR1C1 ringflash/command.....	£579
SU-800 no box.....	£199
MBD15 (D7100).....	£279
MBD14 (D600).....	£239
MBD12 Grip (D800E).....	£289
MBD11 Grip (D7000).....	£229
MBD10 Grip (D300/D700).....	£199
MC36A.....	£129
MC30A.....	£69

	16-35 f4 AFS VR.....	£819
	70-200 f4 G ED VR.....	£979
	80-400 f4.5/5.6 VR AFS G.....	£1999
	200 f2 G VR II.....	£3699
	600 f4 AFS VR II.....	£6899



WE WANT YOUR EQUIPMENT
WE PART EXCHANGE, BUY FOR CASH OR COMMISSION SALE
Collection can be arranged, contact us at info@mifsuds.com or ring 01803 852400



FUJIFILM

X-E2 + 18-55 OIS.....	£1189
X-E2 body.....	£789
X-Pro 1 + 18 f2.....	£949
X-Pro 1 body.....	£849
X-E1 + 18-55 OIS.....	£849
X-E1 body.....	£579
14mm f2.8 XF.....	£679
16-50mm XC.....	£329
18mm f2 XF.....	£419
18-55mm OIS XF.....	£489
23mm f1.4 XF.....	£799
27mm F2.8 XF.....	£329
35mm f1.4 XF.....	£419
55-200mm OIS XF.....	£549
60mm f2.4 XF.....	£459
EF X20 flash.....	£169
EF42 flash.....	£159
EF20 flash.....	£99
X100s Compact.....	£949
X20 Compact.....	£399

Panasonic

GH3 + 12-35mm.....	£1499
GH3 + 14-140mm.....	£1199
GH3 body.....	£849
GX7 + 20mm F1.7 II.....	£899
GX7 + 14-42mm II.....	£829
GX7 body.....	£739
G6 + 14-140mm.....	£649
G6 + 14-42mm.....	£529
G6 body.....	£449
G5 + 14-150mm F4/5.8.....	£549
7-14mm F4.....	£849
8mm F3.5.....	£499
12-35mm f2.8.....	£829
14-42mm X.....	£269
14-140mm OIS no box.....	£469
20mm F1.7 MKII.....	£299
25mm F1.4 DG.....	£439
35-100 F2.8 Power OIS X.....	£929
45mm F2.8 OIS.....	£549
45-150 F4/5.6 OIS.....	£219
45-175mm F4/5.6 OIS X.....	£319
45-200mm F4/5.6 OIS.....	£269
100-300mm F4/5.6 OIS.....	£429
LFV2 Viewfinder.....	£199
FZ72.....	£329
FZ200.....	£379

PENTAX

MOST ITEMS ARE STOCKED	
NEW!! K3 body.....	£1099
K3 + 18-55 WR.....	£1199
K50 bodyonly.....	£529
K50 + 18-55 WR.....	£599
K500 + 18-55.....	£349
K5 II + 18-55 WR.....	£719
K5 II + 18-135.....	£999
K5II body.....	£699
K5IIS body.....	£799
K30D + 18-55.....	£499
K30D + 18-135.....	£759

	1 ONLY DEMO.....	£4499
DA 560mm f5.6 ED AW.....		

PRO DEALER

DA 10-17mm f3.5/4.5.....	£399
DA 12-24mm f4.....	£769
DA 15mm f4 AL.....	£585
DA 16-50mm f2.8.....	£899
17-70mm f2.8 SDM.....	£529
DA 18-135mm f3.5/5.6 WR.....	£329
DA 18-270mm f3.5/6.3.....	£449
DA 21mm f3.2 AL Limited.....	£459
FA 31mm f1.8 Limited.....	£1049
DA 35mm f2.8 macro Limited.....	£379
FA 43mm f1.9 Limited.....	£695
DFA 50mm f2.8 macro.....	£399
DA 50-135mm f2.8.....	£999
DA 55mm f1.4 SDM.....	£699
HD DA 55-300mm F4-5.8 ED WR.....	£399
DA 55-300mm F4.5/5.8.....	£269
DA 60-250mm F4.....	£1249
DA 70mm f2.4 Limited.....	£459
FA 77mm 1.8 Limited.....	£799
DA 100mm f2.8 WR.....	£579
DA 200mm f2.8.....	£749
DA 300mm f4.....	£1029

645D - DEMO 1 ONLY	
body.....	£4499
+ 55 f2.8.....	£5499

SIGMA

SIGMA PRO STOCKISTS	
3 YEAR WARRANTY	
10-20 F3.5 EX DC HSM.....	£399
18-250 F3.5/6.3 DC OS Mac.....	£349
12-24 F4.5/5.6 EX DG mac II.....	£599
17-50 F2.8 EX DC OS HSM.....	£499
17-70 F2.8/4.5 DC OS.....	£349
18-35 F1.8 DC HSM.....	£649
18-250 F3.5/6.3 DC OS Mac.....	£319
24-70 F2.8 EX IF DG HSM.....	£589
35 F1.4 DG HSM.....	£679
50 F1.4 EX DG CAF/NAF.....	£319
50-500 F4/5.6 OS HSM.....	£999
70-200 F2.8 EX DG OS.....	£799
70-300 4.5/5.6 APO DG mac.....	£169
85 F1.4 EX DG HSM.....	£659
105 F2.8 EX DG OS.....	£399
120-300 F2.8 DG OS HSM.....	£2799
120-400 F4.5/5.6 APO OS.....	£629
150 F2.8 EX DG OS.....	£689
150-500 F5/6.3 DG OS.....	£749
180 F2.8 EX DG OS.....	£1199
1.4x EX DG converter.....	£199
2x EX DG converter.....	£239

Tamron

5 Year Warranty	
18-270mm f3.5/6.3 Di II VC PZD.....	£349
Kenko Tubes Converters	
Kenko auto ext tube set.....	£119
Kenko Pro 300 1.4x DG X conv.....	£169
Kenko Pro 300 2x DG X conv.....	£169

Gitzo	
Photographers Fleece	
LIMITED SIZES AVAILABLE	
£49	

WE WANT YOUR EQUIPMENT
WE PART EXCHANGE, BUY FOR CASH
OR COMMISSION SALE
 Collection can be arranged.
 contact us at **info@mifsuds.com**
 or ring **01803 852400**



BRONICA ETRS 645 USED	10-22 F3.5/4.5 M-box. £1599	100 F4 Macro + tube. £199	Dryzone 200 yellow/black £179	90XPROB £69	10-25 F2.8 G.D.X. £399	MB-10 (F90X). £29	G3 Olympic kit M-box. £349
ETRS + 75 PE + 120 back	17 TSE F4 L M-box. £1599	2X A Macro + tube. £199	Lensa Trekker 600AW. £199	NETZ USED	10-24 F3.5/4.5 AFS DX. £529	MB-15 (F100). £29	GX1 body box. £199
+ AEII prism. £139	17-85 F4/5.6 IS US EFS. £199	2X A Extender. £199	Pro Trekker 300AW. £179	45CL1 AA battery. £59	12-24 F4 DX box. £599	M-3 remote M-box. £149	GF5 body box. £129
ETRS body. £39	18-55 F3.5/5.6 IS EFS. £79	2X B Extender. £69	Rover Plus AW. £49	45CL1 AA battery. £45	17-55 F2.8 AFS DX. £599	WT-2 box. £199	GF3 body mint-box. £129
ETRS body. £99	18-55 F3.5/5.6 EFS. £59	TOK 80-300 F4/5.6. £39	MAMIYA 645 AF USED	MINOLTA/SONY DIGITAL USED	18-35 F3.5/4.5 AFD. £299	NIKON MF USED	14-42 F3.5/5.6 X M-. £169
50 F2.8. £99	18-200 F3.5/5.6 IS EFS. £299	Motor drive MA. £39	55-110 F4.5 box. £499	Sony A77 body M-box. £599	18-55 F3.5/5.6 VR M-. £79	F2 + DP-1 kit. £199	14-42 F3.5/5.6. £69
75 F2.8 PE. £139	20 F2.8 M-box. £329	Winder A. £29	150 F3.5 box. £299	Sony A550 body. £299	18-55 F3.5/5.6. £89	F3 body. £149/299	14-42 F3.5/5.6. £149
75 F2.8 E. £139	22 F2.8 M-box. £329	Angle finder B. £29	Ext tube NA401. £299	Ext tube NA401. £299	18-105 F3.5/5.6 VR. £139	FE-2 body chr. £189	14-42 F3.5/5.6 OIS. £149
150 F3.5 E. £89	24-70 F2.8 L. £949	Auto bellows FL + slide. £39	Ext tube NA403. £99	Sony FLAM rightlight. £179	18-135 F3.5/5.6 AFS. £139	FM2n body chr. £179	45-25 Macro M-box. £449
150 F3.5 PE M-Box. £149	28-35 F3.5/5.6. £179	Auto bellows FD. £39	MAMIYA 645 USED	VGC77AM grip. £139	24-50 F3.5/4.5 AFD. £149	FM2n body chr. £179	45-25 Macro M-box. £449
200 F4.5 PE. £179	40 F2.8 STM. £129	CANON FLASH USED	645 Pro + 80 F2.8 N. £399	Sigma EF300DG Super. £79	24-70 F2.8 AFS M-box. £1099	FM2 body chr. £149	PENTAX 645 DIGITAL AF USED
500 F8 EII. £399	50 F1.2 L U. £399	99A. £59	+ 120 RFH + prism. £349	NEX6 body kit M-box. £379	24-70 F4 VR M-. £799	24 F2.8 AIS. £199	645D body Mint box. £449
24 ext. extender E. £149	50 F1.8 MKII box. £399	244T. £29	645 Pro TL + 80 + RFH. £349	MINOLTA/SONY AF USED	24-120 F3.5/5.6 D. £119	24 F3.5 shift box. £499	45 F2.8 AIS. £379
24 ext. extender E. £149	50 F2.8 M-box. £329	300TL. £29	AF prism. £199	Dynaflex 8000i body. £299	28-35 F3.5/5.6 VR. £139	28-35 F3.5/5.6 FA M-box. £379	45 F2.8 AIS. £379
20 RFH. £89	55-250 F4/5.6 IS EFS. £139	CONTAX RF USED	645 Pro TL inc 80 F2.8 N. £399	Dynaflex 8000i body. £299	28-35 F3.5/5.6 G. £119	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Polaroid body. £299	55-250 F4/5.6 U. £69	G2 body Titanium box. £399	+ AE Prism + Pro Winder. £449	Dynaflex 7x1 body. £49	28-100 F3.5/5.6 AFD. £69	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Rotary prism. £129	60 F2.8 EFS. £299	28 F2.8 Titanium. £299	645 Pro SV kit. £299	Dynaflex 7000i + VC700. £159	40 F2.8 AFS DX. £159	45-25 Macro M-box. £449	45-25 Macro M-box. £449
AEII Prism. £89	70-200 F2.8 IS U L box £1199	35-70 F3.5/5.6 tit box. £399	645E body. £149	Dynaflex 7000i body. £179	50 F1.4 AFD box. £179	45-25 Macro M-box. £449	45-25 Macro M-box. £449
WLF. £249	70-200 F4 IS U L. £799	TLA30 flash. £29	645E Super comp. £199	Dynaflex 5 body. £39	50 F1.8 AFD. £39	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Plain Prism E. £249	70-200 F4.5 IS U L. £799	FUJI DIGITAL USED	645E Super body. £89	Dynaflex 5000i body. £29	55-200 F4.5/5.6 AFS VR. £399	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Winder II. £199	70-300 F4.5/5.6 IS U L. £599	XA20 hand grip. £39	645E Pro TL M-Box. £299	Dynaflex 4000i Super body. £119	55-200 F4.5/5.6 AFS. £399	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Winder. £79	70-300 F4/5.6 IS U L M. £999	XE-1 body black/ivory box. £399	45 F2.8 C. £49	Dynaflex 4000i body. £119	55-200 F4.5/5.6 VR. £399	45-25 Macro M-box. £449	45-25 Macro M-box. £449
M bracket. £69	70-400 F4 L. £399	X-M1 body black. £439	50 F4 shift. £349	28-85 F3.5/4.5. £129	60 F2.8 AFD micro. £249	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Speed Grip E. £39	75-300 F4/5.6 IS U. £199	12 F2 XF R M-box. £289	55 F2.8 N. £39	35-70 F4. £89	70-200 F2.8 VRI. £1429	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Tripod adapter E. £39	80-200 F4.5/5.6 II. £49	18-55 F2.8 OIS. £49	55-110 F4.5. £199	50 F1.7. £179	70-200 F2.8 VRI. £999	45-25 Macro M-box. £449	45-25 Macro M-box. £449
Macro SCA 386. £449	85 F1.8 U M-box. £249	27 F2.8 XF M-box. £289	70 2.8 C leaf. £79	50 F1.4. £179	70-210 F4/5.6. £89	45-25 Macro M-box. £449	45-25 Macro M-box. £449
BRONICA G3 645 USED	100 F4.5 IS U L M-box. £599	XA20 hand grip. £39	105-210 F4.5 ULD C. £199	50 Macro macro. £199	70-300 F4.5 AFD. £179	45-25 Macro M-box. £449	45-25

www.mifsuds.com
(SECURE SSL ENCRYPTION)

(SECURE SSL ENCRYPTION)



camera centre

CARDIFF

13-15 Morgan Arcade,
CARDIFF, CF10 1AF
029 2039 4182

email@cameracentrecardiff.co.uk

NEWPORT

7 Charles Street,
NEWPORT, NP20 1JU
01633 262 738

cameracentrenewport@gmail.com

cameras lenses tripods bags accessories

Canon

Canon Professional Dealer

CAMERAS

EOS 1D X body (0% Finance)	£4845.00
EOS 5D MKIII body (0% Finance)	£2327.99
EOS 5D MKIII & 24-105mm IS (0% Finance)	£2973.99
EOS 5D MKIII & 24-70mm IS II (0% Finance)	£4099.00
EOS 6D body (0% Finance)	£1349.99
EOS 6D & 24-105mm IS (0% Finance)	£1849.99
EOS 7D body	£1079.99
EOS 7D & 18-135mm IS	£1407.99
EOS 7D & 15-85mm IS	£1499.99
EOS 70D body	£849.99
EOS 70D & 18-55mm IS	£959.99
EOS 70D & 18-135mm IS	£1177.99
EOS 700D body	£419.99*
EOS 700D & 18-55mm IS STM	£530.00*
EOS 700D & 18-135mm IS STM	£710.00*
EOS 650D body	£519.99
EOS 650D & 18-55mm IS II	£599.99
EOS 650D & 18-135mm IS STM	£799.99
EOS 600D body	£348.00*
EOS 600D & 18-55mm IS II	£488.00*
EOS 600D & 18-135mm IS	£558.10*
EOS 100D body	£358.40*
EOS 100D & 18-55mm IS STM	£457.99*
EOS 1100D body	£228.99
EOS 1100D & 18-55mm IS	£298.99
EOS M & 18-55mm IS STM	£318.39*

FREE 8GB class 10 SD card and Tamron case with all Canon DSLR cameras ordered by phone.

LENSES

EF 8-15mm f/4L USM Fisheye	£1098.99
EF-S 10-22mm f/3.5-4.5 USM	£498.99
EF 14mm f/2.8 II USM	£1899.99
EF-S 15-85mm f/3.5-5.6 IS USM	£499.99**
EF 17-40mm f/4L USM	£643.99
EF-S 17-55mm f/2.8 IS USM	£649.99
EF-S 18-55mm f/3.5-5.6 IS II	£139.99**
EF-S 18-135mm f/3.5-5.6 IS STM	£309.99*
EF-S 18-200mm f/3.5-5.6 IS	£387.00*
EF 35mm f/1.4L USM	£1059.99
EF 40mm f/2.8 STM	£133.99*
EF 50mm f/1.4 USM	£304.99
EF 50mm f/1.8 II	£94.99
EF-S 60mm f/2.8 USM	£319.99*
EF 70-200mm f/4L USM	£533.99
EF 70-200mm f/4L IS USM	£989.99
EF 70-200mm f/2.8L USM	£1019.99
EF 70-200mm f/2.8L IS II USM	£1949.99
EF 70-300mm f/4-5.6 IS USM	£364.99*
EF 85mm f/1.8 USM	£299.00
EF 100mm f/2.8 USM	£443.99
EF 100mm f/2.8L IS USM	£747.99
EF 100-400mm f/4.5-5.6L IS USM	£1324.00
EF 200mm f/2.8L USM II	£608.99
EF 200-400 f/4L IS USM 1.4x TC (0% Finance)	£11998.99
EF 300mm f/4L IS USM	£1139.99
EF 500mm f/4L IS II USM	£7765.00

*Price after cashback from Canon UK

**Split from kit

For a complete list of our Canon lenses please visit our website

Nikon

Nikon Premier Dealer

CAMERAS

DF (Black/Silver) & 50mm f/1.8	£2748.99
D4 body	£4224.99
D800E body	£2329.99
D800 body	£1802.00*
D610 body (0% Finance)	£1598.99
D610 & 24-85mm VR (0% Finance)	£1999.00
D7100 body	£738.99*
D7100 & 18-105mm VR	£838.99*
D5300 body Black	£648.99
D5300 body Grey/Red	£679.99
D5300 & 18-55mm VR	£789.99
D5300 & 18-140mm VR	£963.99
D5200 body	£439.99*
D5200 & 18-55mm VR	£500.00*
D5100 body	£298.99
D5100 & 18-55mm VR	£387.99
D5100 & 18-105mm VR	£464.99
D3200 body	£268.99*
D3200 & 18-55mm VR	£338.99*
D3200 & 18-105mm VR	£434.99*
D3100 body	£208.99*
D3100 & 18-55mm VR	£268.99*
D3100 & 18-105mm VR	£378.99*
J1 & 10-30mm (Refurbished)	£149.99

FREE 8GB class 10 SD card and Tamron case with all Nikon DSLR cameras ordered by phone.

LENSES

10.5mm f/2.8 G AF DX IF-ED Fisheye	£548.99
14-24mm f/2.8 G AF-S ED	£1314.99
18-300mm f/3.5-5.6 AF-S ED VR	£608.99*
24-70mm f/2.8 G AF-S ED	£1124.99*
24-120mm f/4 G AF-S ED VR	£819.99
28mm f/1.8 G AF-S	£498.99
28-300mm f/3.5-5.6 G AF-S VR ED	£588.99*
35mm f/1.8 G AF-S DX	£127.99*
40mm f/2.8 G AF-S DX Micro	£184.99
50mm f/1.4 AF D	£243.99
50mm f/1.4 G AF-S	£269.00
50mm f/1.8 AF D	£108.99
50mm f/1.8 G AF-S	£149.00
55-200mm f/4-5.6 G AF-S DX VR IF-ED	£134.99*
55-300mm f/4.5-5.6 G AF-S DX VR	£198.99*
70-200mm f/2.8 G AF-S ED VR II	£1419.00*
70-300mm f/4.5-5.6 G AF-S VR IF-ED	£388.99
80-400mm f/4.5-5.6 G AF-S VR ED	£2199.99
85mm f/1.8 G AF-S	£378.99

*Price after cashback from Nikon UK

For a complete list of our Nikon lenses please visit our website

**FREE TAMRON
MEGAZOOM CASE
& 8GB CLASS 10 SD CARD
(worth £40)
with all DSLR Cameras!**

Finance Available

powered by: **Pay4Later**

For finance options and info call us
on 01633 262738 or 029 2039 4182
or visit www.cameracentreuk.com

**0% Interest
Finance
Available!**

on
**Canon EOS 5D MKIII
and EOS 6D**



£2327.99



£1349.99

**Sony A7R
Body**

£1649.99



**Nikon D5300
+18-140mm lens**

£963.99



**Nikon DF
+50mm lens**

£2748.99



Find us
on Facebook



Canon Nikon SONY FUJIFILM PENTAX SIGMA TAMRON ZEISS SWAROVSKI OPTIK Sky-Watcher lowepro PocketWizard

Prices correct at time of going to press. Prices subject to change. Please check our website for latest prices.

Part-Exchange welcome - We buy and sell second-hand equipment.

Find more great deals in store or on our website:
www.cameracentreuk.com

Stores open **Mon-Sat** 9am-5:30 pm

flashes & lighting binoculars telescopes printers

SONY **Alpha**

Sony Alpha Centre of Excellence

CAMERAS

A99 body.....	£1799.99
A99 & 24-70mm ZA SSM.....	£3298.99
A7R body.....	£1649.99
A7R & 35mm f/2.8 FE ZAT*.....	£2395.99
A7 body.....	£1249.99
A7 & 28-70mm.....	£1499.99
A77 body.....	£678.99
A77 & 18-55mm SAM.....	£849.99
A77 & 75-300mm.....	£979.99
A77 & 18-135mm SAM.....	£928.99
A77 & 16-50mm.....	£1095.00
A65 body.....	£494.99
A65 & 18-55mm SAM.....	£528.99
A58 body.....	£299.99
A58 & 18-55mm SAM.....	£319.99
A3000 & 18-55mm.....	£249.99
NEX-7 body.....	£694.99
NEX-7 & 18-55mm.....	£774.99
NEX-7 & 16-50mm.....	£799.99
NEX-6 body.....	£498.99
NEX-6 & 16-50mm.....	£568.99
NEX-ST body.....	£389.99
NEX-ST 16-50mm.....	£499.99
NEX-3N body.....	£239.99
NEX-3N & 16-50mm.....	£299.99

FREE 8GB class 10 SD card and Tamron case with all Sony DSLR and NEX cameras ordered by phone.

LENSES

A-MOUNT

DT 11-18mm f/4.5-5.6 AF.....	£469.99
16-35mm f/2.8 Vario-Sonnar T* ZA SSM.....	£1398.99
DT 16-50mm f/2.8 SSM.....	£399.99**
DT 18-55 f/3.5-5.6.....	£69.99**
DT 18-250mm f/3.5-6.3 (Refurbished).....	£329.99
24mm f/2 Distagon T* ZA SSM.....	£849.98
DT 30mm f/2.8 Macro SAM.....	£127.99*
DT 35mm f/1.8 SAM.....	£119.99*
50mm f/1.4 AF.....	£298.99
50mm f/1.4 ZA SSM.....	£1268.99
DT 50mm f/1.8 SAM.....	£129.99
70-300mm f/4.5-5.6 G SSM.....	£719.99
DT 75-300 f/4.5-5.6.....	£175.00
70-400mm f/4.5-6.3 G SSM II.....	£1697.99
135mm f/2.8 STF.....	£898.99

FE-MOUNT

35mm f/2.8 ZAT*.....	£745.00
Pre-Order 55mm f/1.8 ZAT*.....	£925.00

E-MOUNT

10-18mm f/4 OSS.....	£669.99
16mm f/2.8 Pancake.....	£149.99
18-55mm f/3.5-5.6 OSS.....	£149.99**
Pre-Order 18-105mm f/4 G PZ OSS.....	£499.00
18-200mm f/3.6-6.3 OSS.....	£568.99
18-200mm f/3.6-6.3 PZ OSS.....	£899.99
20mm f/2.8 Pancake.....	£189.99
24mm f/1.8 ZA Sonnar T*.....	£689.99
30mm f/3.5 Macro.....	£158.99
35mm f/1.8 OSS.....	£359.99
50mm f/1.8.....	£199.99
55-210mm f/4.5-6.3 OSS.....	£199.99

**Split from kit

For a complete list of our Sony lenses please visit our website

FUJIFILM

CAMERAS

X-Pro1 body.....	£906.00
X-Pro1 & 18mm.....	£949.99
X-Pro1 & 35mm.....	£1330.00
X-E2 body.....	£790.00
X-E2 & 18-55mm.....	£1180.00
X-E1 body.....	£589.00
X-E1 & 18-55mm.....	£849.00*
X-M1 body.....	£499.00
X-M1 & 16-50mm.....	£419.00*
X-A1 & 16-50mm.....	£369.00*
X100S.....	£958.99
XQ1.....	£347.00

LENSES

14mm f/2.8 R XF.....	£668.99
16-50mm f/3.5-5.6 XC OIS.....	£329.99
18mm f/2 R XF.....	£318.99*
18-55mm f/2.8-4 R XF LM OIS.....	£433.99*
23mm f/1.4 R XF.....	£798.99
27mm f/2.8 XF.....	£319.00*
35mm f/1.4 R XF.....	£328.99*
55-200 f/3.5-4.8 R LM OIS.....	£568.99
60mm f/2.4 R Macro.....	£359.00*

*Price after cashback from Fujifilm UK

TAMRON

10-24mm f/3.5-4.5 Di II LD AF SP.....	£368.99
17-50mm f/2.8 XR Di II VC LD.....	£348.99
18-200mm f/3.5-6.3 XR Di II LD Macro.....	£138.99
18-270mm f/3.5-6.3 Di II VC PZD.....	£348.99
24-70mm f/2.8 Di VC USD SP.....	£834.00
60mm f/2 Di II LD Macro.....	£329.99
70-200mm f/2.8 SP Di VC USD.....	£1098.99
70-300mm f/4-5.6 Di LD Macro.....	£99.99
70-300mm f/4-5.6 Di VC USD.....	£289.00
90mm f/2.8 SP Di Macro.....	£369.00
90mm f/2.8 SP Di VC USD.....	£499.00
200-500mm f/5-6.3 Di LD IF.....	£869.99

Please visit our website for lens fitting information

SIGMA

10-20mm f/4-5.6 EX DC HSM.....	£348.99
18-35mm f/1.8 DC HSM.....	£628.99
19mm f/2.8 DN.....	£128.99
28mm f/1.8 EX DG Macro.....	£359.00
30mm f/1.4 EX DC HSM.....	£297.99
30mm f/1.4 DC HSM.....	£378.99
30mm f/2.8 DN.....	£128.99
35mm f/1.4 DG HSM.....	£669.00
50mm f/2.8 EX DG Macro.....	£269.99
60mm f/2.8 DN.....	£128.99
70mm f/2.8 EX DG Macro.....	£348.00
70-200mm f/2.8 EX DG OS HSM.....	£799.99
70-300mm f/4-5.6 APO DG Macro.....	£149.00
70-300mm f/4-5.6 DG OS.....	£239.99
105mm f/2.8 EX DG OS HSM Macro.....	£399.00
120-300mm f/2.8 DG OS HSM.....	£2799.00
150-500mm f/5-6.3 DG OS HSM.....	£698.99

Please visit our website for lens fitting information

Lowepro

Cirrus TLZ 5.....	£16.99
Lens Case 9x13cm.....	£15.99
Lens Case 11x26cm.....	£25.00
Lens Case 13x32cm.....	£29.99
Nova 180 AW.....	£48.99
Passport Sling II.....	£39.99
Event Messenger 100.....	£29.00
Event Messenger 150.....	£37.00
Event Messenger 250.....	£44.99
DSLR Video Fastpack 250 AW.....	£89.99
Photo Hatchback 16L AW.....	£74.99
Photo Hatchback 22L AW.....	£85.00
Transit Sling 150 AW.....	£64.99
Transit Sling 250 AW.....	£81.99
Transit Backpack 350 AW.....	£94.99
Flipside Sport 10L AW.....	£108.99
Flipside Sport 15L AW.....	£128.99
Flipside Sport 20L AW.....	£139.99
Photo Sport Pro 30L AW.....	£154.99
Vertex 100 AW.....	£104.99
Vertex 200 AW.....	£145.00
Rover Pro 35L AW.....	£199.99
Rover Pro 45L AW.....	£220.00
Dryzone 200.....	£224.99

ACCESSORIES

BLACK RAPID

Metro Camera Strap.....	£37.00
Kick Camera Strap.....	£59.00
Curve RS-7 Camera Strap.....	£58.00
RS-W1 Sling Camera Strap for Women.....	£58.99
RS-Sport 2 Sling Shoulder Strap.....	£66.98
RS-Sport 2 L Left-Handed Sling Shoulder Strap.....	£66.98
RS DR-1 Cargo Double Camera Strap.....	£114.98

POCKET WIZARD

AC3 Zone Control.....	£41.99
MiniTT1 Trigger.....	£140.00
FlexTT5 Transceiver.....	£147.99
MiniTT1 & 2 x FlexTT5 Set.....	£424.99
Plus III Radio Flash Trigger.....	£104.99
Plus X Radio Flash Trigger.....	£88.99

WESTCOTT

43" White Satin Collapsible Umbrella.....	£19.49
43" Umbrella & 8" Light Stand.....	£64.99
Photo Basics Studio Kit.....	£149.99
Apollo Orb Speedlight Kit.....	£152.99
Rapid Box Mini 20" Speedlight Softbox.....	£164.99
Rapid Box 26" Speedlight Softbox.....	£179.99
Rapid Box Strip 10x24" Speedlight Softbox.....	£179.99
Illusions Studio Kit.....	£209.99

SEKONIC

L-3085 Flashmate Digital Light Meter.....	£128.99
L-478DR Lightmaster Pro Light Meter.....	£299.99

**FREE DELIVERY
ON ALL PRODUCTS!
TO MAINLAND UK**

Check out our latest **eBay** deals! - stores.ebay.co.uk/camera-centre-cardiff-ltd

The ORIGINAL commission sale specialists
We also PART EXCHANGE and BUY FOR CASH
Good quality equipment always wanted

M3 Steel Grey Body Only	E+ / E++	E-2849	135mm F2.8 R 3cam	As Seen / E+	E-129	E-2
M8 Black Body Only	E+ / E++	E-1349	180mm F2.8 R 3cam	Exc / E++	E-299	E-4
M8 Chrome Body Only	E++	E-1399	180mm F4.5 Tcyl R	Exc / E+	E-169	E-2
M6 Platinum + 50mm F1.4	Mint	E-649	560mm F5.5 Tcyl R	E++	E-15	E-5
M6 Titanium + 35mm F1.4 Asph.	E++	E-1499	560mm F5.5 Tcyl R	E++	E-15	E-5
M6 0.72x Titanium Body Only	E++	E-1299	1.4x Apo Extender R	E++	E-33	E-3
M7 0.58x Black Body Only	E++	E-1499	2x Apo Extender R	E++	E-33	E-3
M7 0.72x Chrome Body Only	E++	E-1399	2x Extender R	E+ / Mint	E-249	E-1
M6TLT 0.65x Black Body Only	E++	E-594	Nikon 35mm F1.4 Asph	E++	E-12	E-2
M6TLT 0.72x Body Only	E++ / E++	E-549	Tamron 35-135mm F4.5	E++	E-12	E-2
M5 Chrome Body Only	E++	E-549	Metz 50AF1 Digital	Mint	E-1	E-1
M4-P Black Body Only	E+ / E++	E-679	Metz 54M23 Flash	E++	E-24	E-2
M4 Chrome Body Only	E++	E-559	Angle Finder R	E++	E-24	E-2
M4 Black Body Only	E++	E-549	Angle Finder R (14300)	E++	E-24	E-2
M02 Black Body Only	E++	E-349	Macro Adapter R	E+ / E++	E-779	E-1
M0A Chrome Body Only	E++	E-359	Motordrive Set RB/89	E++	E-269	E-2
CL + 40mm F2	E++	E-549	Motorwinder R	E++	E-24	E-2
CL Black Body Only	E+ / E++	E-299	Motorwinder R + R7 Grip	E++	E-24	E-2
Alpha QLE Body Only	Mint	E-349	Motorwinder R	E++	E-24	E-2
Canon Haver R Body Only	E+	E-549	Motorwinder RB/89	E+ / E++	E-149	E-2
			RB/89 Remote control	E++	E-289	E-2

www.ffordes.com



ffordes

photographic

See up to 3 images of each used item on website
Website updates used equipment list 10-15 times daily
All items come with 6 month warranty - (unless stated)
Our knowledgeable staff are on hand and ready to help

NEW STOCK CLEARANCE

Product	RRP £	SALE £	Product	RRP £	SALE £	Product	RRP £	SALE £
BackPack			Velbon Sherpa 200R Legs + PH157Q Head	119.99	70	Have MC36b Timer Remote Control (Canon RS60)	49.99	29
Lowepro Photosport Sling 100 - Orange (D)	145.99	69	RUP-V40 MonoPod	34.99	25	MC36b Timer Remote Control (Canon RS80)	49.99	29
Scope Porter 200AW	169.99	139	Silk Pro 700DX Legs	279.99	129	MC36b Timer Remote Control (Nikon MC)	49.99	29
Scope Porter 350 AW	189.99	149	800 Ball & Socket Head	149.99	79	MC36b Timer Remote Control (Oly 4/3rds)	49.99	29
Trekker DayPack II	59.99	29	SB-H200 HQ Head	89.99	59	MC36b Timer Remote Control (Pentax)	49.99	29
Classified Sling 180 AW (D)	96.99	55	Kood AT26 Aluminium Legs	79.99	59	JJC Wireless Rem Control (Canon RS80)	29.99	16
Pro Runner 300 - Black/Green	106.99	59	ATC28 Carbon Fibre Legs	159.99	99	Wireless Rem Control (Canon RS60)	29.99	16
Lens trekker 600 II	220.99	159	Gitzo GT5531S Carbon Legs (D)	749.99	400	Wireless Rem Control (Nikon MC)	29.99	16
Manfrotto Agile VII Sling - Stile	79.99	45	GK1380 VQR Legs (D)	679.99	400	Seculine Twin Wireless R2-SRC - Canon	44.99	25
Canon Sling 300EG	39.99	25	GT2541G Legs (D)	694.99	490	Batteries		
Nikon ALM230-20	79.99	39	GT2541EX Legs (D)	549.99	350	Energizer (Panasonic) CGA-S602	29.99	9
Tamrac Adventure 10	240.99	99	G1178M Ball & Socket Head (D)	129.99	79	Carat (Canon) NB-3L	24.99	5
Adventure 6 Red	65.99	39	G2271M Low Profil Head (D)	254.99	120	Ansmann Battery Grip - Canon 40D	129.99	79
Adventure 6 Cambo	65.99	39	GH3750 Off Ball Head (D)	219.99	130	Battery Grip - Canon 20D	129.99	79
Aero 80	99.99	65	G2272M Low Profil Head (D)	259.99	119	Battery Grip - Canon 30D	129.99	79
Aero 70	85.99	39	GH5380S Head (D)	314.99	179	Battery Grip - Canon 400D	129.99	69
Expedition 7x	306.99	180	GH5750QR Off Ball Head (D)	339.99	190	Battery Grip - Canon 350D	129.99	69
Kata TLB300 Lens Case	259.99	170	GH5750 Off Ball Head	316.99	150	Filters		
DR467 B/Pack	93.99	49	GS5310GS	364.99	239	Hoya Pro1 77mm Protection Filter	70.99	39
Shoulder Bag			G349 Circular Plate	39.99	19	Pro1 72mm Circ Polariser Filter	64.99	39
Lowepro Nova 140 - Black (D)	39.99	19	GS5510KB Series 5 Ground Column	89.99	65	49mm Sylight Filter (P)	24.99	9
Nova 160 - Black (D)	46.99	23	035B Extra low Column	34.99	15	55mm Circular Polariser Filter (P)	39.99	20
Nova 180 - Blue (D)	66.99	30	G1150N Micro Phone Support	34.99	15	58mm Circular Polariser Filter (P)	39.99	24
Nova 190 - Blue (D)	76.99	40	GA140 M Pro Fleece - Black	329.99	99	67mm Circular Polariser Filter (P)	59.99	35
Nova 200 - Red (D)	87.99	46	GA140 XXL Pro Fleece - Black	329.99	99	Kenko 43mm UV Digital filter	17.99	10
Rezo 170 - Black (D)	49.99	20	GS5180CT Arca QR	49.99	30	46mm UV Digital filter	24.99	10
Slingshot 302 AW	132.99	79	Giottos FP2021 Multi Muction Shoe	29.99	5	49mm UV Digital filter	26.99	8
Stealth Reporter D100AW (D)	91.99	45	Capture Camera Clip System	59.99	45	55mm UV Digital filter	26.99	8
Stealth Reporter D300 AW (D)	132.99	65	Digital Accessories			58mm Protection Filter	29.99	10
Stealth Reporter D400 AW (D)	157.99	79	Lowepro Quick Case (D)	30.99	15	62mm Skylight digital filter	30.99	7
D-Res 40 AW	29.99	14	Slim Lens Pouch (D)	49.99	20	Giottos 55mm UV Digital MC	29.99	5
D-Res 50 AW	34.99	16	Commerical AW Divider Set	34.99	15	Flash		
Edit140+	34.99	10	Magnum AW Divider Set	34.99	15	Marumi DRF14 RingFlash - fit Sony	149.99	99
Exchange Messenger	34.99	15	D-Res 4 Memory Card Case	14.99	7	Sunpak PZ4000 Flash - fit Canon	149.99	59
Nova Micro AW - Forest Green	38.99	10	Deluxe Waist Belt 9	20.99	10	Metz 44AF-4 - fit Canon	199.99	119
Adventure 120 (D)	24.99	10	Film Drop AW Pouch Accessory pouch	17.99	5	58AF-1 - fit Canon	319.99	219
Adventure 140 (D)	28.99	12	Apex 100 AW (D)	28.99	12	28AF-4 - fit Minolta	79.99	25
Classified 140 - Black (D)	118.99	44	Apex 110 AW (D)	31.99	13	34AF-3 - fit Minolta	89.99	29
Classified 160 - Black (D)	138.99	59	Apex 140 AW (D)	43.99	16	Mini Softbox SB22-16	28.99	15
Classified 200 - Sepia (D)	156.99	75	Lens Case 11x14 (D)	22.99	15	Snoot Bonus Diffuser SD30-26W	34.99	19
Classified 250 - Black (D)	166.99	89	Lens Case 5s	34.99	16	Octagon Softbox SB34-34	34.99	19
Clips 110 - Blue	24.99	10	D-Res 10 AW Compact Case	19.99	8	Nissin PS300 Power Pack - fit Canon	349.99	150
Clips 120 - Blue	29.99	12	Tamrac MX5380 Lens Case	19.99	15	PS8 Power Pack - fit Canon	239.99	129
Clips 140 Blue	34.99	16	Digital Accessories			PS8 Power Pack - fit Nikon	239.99	129
Inverse 100 - Black	70.99	35	Delkin Pro Screen shade D2X	34.99	15	Di866 Flashgun (D) - Fit Canon	199.99	119
Inverse 200 - Black	74.99	53	Pro screen Shade 5D MKII	34.99	25	Di866 Flashgun (D) - Fit Nikon	199.99	119
Magnum 200AW - Black (D)	189.99	89	Pro Screen Shade 5D	34.99	25	Di622 MkII Flashgun - fit Canon	159.99	109
Manfrotto Unica VII Messenger - Black	84.99	54	Screen Shades for 300D 1.8", 2"	14.99	7	Di622 MkII Flashgun - fit Nikon	159.99	109
Unica VII Messenger - Stile	84.99	54	Lexar Jumpdrive 32GB S70	49.99	24	Di622 MkII Flashgun - fit Sony	159.99	109
Kata EXO-12	129.99	49	Jumpdrive 8GB S70	17.99	7	MG8000 Flashgun - fits Canon	449.99	379
EXO-07	79.99	45	Jumpdrive 16GB S70	24.99	12	Universal Shoe Cord	49.99	29
Orbit 120 DL	119.99	69	Echo 8GB	19.99	8	Photix Cloth Diffuser	14.99	5
Orbit 110 DL	99.99	49	Echo 16GB	34.99	15	Pixco Colour Diffuser Set 580/S800/SB900	14.99	6
PR-460 Messenger	179.99	99	128GB Pro 133x XC SD Memory Card	399.99	99	Melike Off Camera Hotshoe Cord (Canon EC)	34.99	17
KT-A220 Soft	49.99	24	Olympus HDL-5 Grip E620	159.99	89	Off Camera Hotshoe Cord (Nikon SC28)	34.99	17
KT214 Bum Bag	79.99	35	CS-13 FBC E/R Case EPL1/2	59.99	29	External battery Pack - fits SB900	59.99	19
PR-440 Messenger	159.99	89	CS-88DB Bottom Case EPL1/2	39.99	15	External Battery Pack - fits 580EX	59.99	19
Sling S300	29.99	15	VA-1 Angle Finder 4/3rds	199.99	140	Yongnuo SF-17 External Battery Pack - SB800	59.99	19
KT-S312 Sling	49.99	25	Ricoh GXR SC75ST Jacket Tan	34.99	26	FlashFrame - Bracket 1 (D)	79.99	49
Canon GadgetBag 10EG	59.99	39	Lens Case SC555	29.99	19	Other		
GadgetBag 100EG	39.99	20	Nikon ALM13004 HDMI Mini Cable	14.99	5	Reflecta RG500CS Viewer	49.99	20
Nikon CF-EU08 Messenger - Black	29.99	15	Canon BG-E11 Battery Grip (5D MK3)	329.99	165	Kaiser Pocket Folding Magnifier	19.99	10
CF-EU05 Messenger - Black	27.99	15	BG-E8 Battery Grip	159.99	89	8x Loupe	10.99	5
ALM2303 Messenger - Black	41.99	29	Tripod Mount Ring B(B) fits 100mm Macro	45.99	29	Diascope Mini 3 Viewer	19.99	15
Pentax Nylon Gadget Bag	39.99	27	EG-D Grid Screen	34.99	20	Pentax 5-11x Photo Loupe	199.99	99
Olympus Street Case M - Blue/White	29.99	17	EC-D Grid Screen	34.99	20	5.5x Photo Loupe	149.99	79
Tamrac Ultra Pro 7	135.99	55	EG-A Plain Screen	34.99	20	Plustek Smartphoto P60 Scanner	49.99	25
Zoomster			NB-7L Battery	65.99	36	Gepe CL Hand Slide Viewer	29.99	19
Lowepro Rezo TLZ20 - Black (D)	36.99	16	Always On - Millipod	12.99	5	Meters		
Toploader Pro 65 AW - Black (D)	84.99	45	Standard Case - different colours	17.99	5	Sekonic L308S Green	179.99	145
Toploader Pro 70 AW - Black (D)	80.99	59	Leica X1 Case 18710	154	79	L308S Blue	179.99	145
Toploader Zoom 45 - Black (D)	33.99	20	Systems X1 Case	175	149	Polaris Flash Meter	225.99	120
Toploader Zoom 55 - Black (D)	39.99	25	Handgrip Dlux5 18715	62	45	Kenko KFM1100	313.99	250
Cirrus TLZ5 - Black (D)	24.99	10	Mocha Case Dlux4 18708	169	90	Kenro Flash Meter	69.99	43
Adventure Toploader Zoom 15	30.99	12	Dlux3 Red Case	89	59	Projector		
Adventure Toploader Zoom 25	34.99	15	Dlux4 Brown Case 18689	89	59	Leica Pradovit PC 600 Projector	999.99	399
Pentax KD10 Zoomster	29.99	15	Camera Armour Nikon D800, D40x Black,			Braun Book End Storage Case (3 Shelves)	24.99	9
Olympus Double Zoomster	34.99	19	Sony A100 Grey	29.99	5	Gepe Slide Mount Clearance	from	3
Single Zoomster	29.99	15	Nereus WPX1 Waterproof Housing	69.99	15	Sensor Cleaning		
TriPods			JJC Padded Rain Covers	39.99	15	Green Clean Mini Vacuum	15.99	5
Benro A1180T Compact Travel Legs	179.99	99	Remote Controls			Vacuum Pick-ups 5x PP	10.99	3
GH1P Long Lens Head	319.99	220	JJC Remote Control (Canon RS60) MR-C	19.99	8	Visible Dust Sensor Brush Tablet Cleaner	15.99	5
C1682TBO C/Fibre	349.99	250	Remote Control (Canon RS80) MR-A	19.99	8	1.3x Sensor Brush	29.99	15
Manfrotto 190XB Legs + 056 Kit Head	152.99	99	Remote Control (Pentax) MR-C	19.99	8	1.6x Sensor Brush	29.99	15
055XDB Legs	129.99	75	Remote Control (Nikon MC) MR-B	19.99	8	Brush Case	15	5
National Geographic NGEH2 Hydorst Head RC2	295.99	149	Remote Control (Oly 4/3rds) MR-E	19.99	8	8mm Brush	19.99	8
NGEH2 Hydorst Head RC5	309.99	149	Remote Control (Oly 4/3rds) MR-F	19.99	8	Chamber Clean	15.99	8
Velbon QHD-71 Ball & Socket Head	139.99	69						

STOCKS OF MOST ITEMS ARE LIMITED - RING NOW TO AVOID DISAPPOINTMENT



Connect
NOW

Established 1960

Shop On-Line 24/7
Shop open Mon-Fri
9 till 5.30

Pay by Cash or Cheque plus...



Prices correct when compiled. E&OE.

Back Caps

Canon AF
Canon FD
M42 screw
Sony/Min AF
Sony NEX
Minolta MD
Nikon
Olympus OM
Olympus 4/3
Olympus m 4/3
Pentax K
Yashica/Contax



Body Caps

Canon AF
Canon FD
M42 screw
Sony/Min AF
Sony NEX
Minolta MD
Nikon
Olympus OM
Olympus 4/3
Olympus M4/3
Pentax K
Contax/Yashica

Adaptors

Camera - Lens Adaptors

Can AF - FD
Can AF - M42
Can AF - Nikon
Can FD - M42
Oly M4/3 - CAF
Olym 4/3 - Can Af (With aperture ring)
Oly M4/3 - Nikon
Oly M4/3 - Nikon (With aperture ring)
Oly M43 - Leica M
Sony/Min AF - MD
Sony/Min AF - M42
Minolta MD - M42
Nikon - M42
Pentax K - M42
Sony NEX - Can AF
Sony NEX - Son/Min AF
Sony NEX - Nik AI and G
Sony NEX - PK
Yash/Can - M42



C Mounts

Canon AF
Canon FD
M42
Nikon
Olympus OM
Pentax K
T2 Thread
Microscope adaptor



T2 Adaptors

Can AF
Can FD
Nikon
Olympus OM
Olympus AF
Olympus 4/3
Oly Micro 4/3
Sony/Min AF
Minolta MD
Pentax K



Series 7

37mm
46mm
49mm
52mm
55mm
58mm
62mm
67mm



Reversing Rings

Can AF 52mm
Can AF 58mm
Can FD 52mm
Can FD 55mm
Yash/Cont 52mm
M42 49mm
M42 52mm
M42 55mm
M42 58mm
Min MD 49mm
Min MD 52mm
Min MD 58mm
Sony/Min AF55

Nikon 52mm
Nikon 58mm
Praktica B 49mm
Pentax K 49mm
Pentax K 52mm
Pentax K 55mm
Pentax K 58mm

Camera Viewing accessories

Screen Hoods
Canon 50D
Canon 350D
Canon 450D
Nikon D70
Nikon D80
Nikon D300

Full shield magnifying Screen Hoods

Canon 5D/7D/500D
Canon 550D/Nikon 500D
Canon 60D/600D

Eye Cups

Canon 550D type
Nikon D300 type
Chinon
Fujica
Nikon F type
Praktica
Prism Right Angle Viewer

Shutter Release Items

(CR with locking collar T)
10" Metal Cable Release
18" Metal Cable release
24" Metal Cable release
36" Metal Cable release
10" Vinyl Cable release
18" Vinyl Cable Release
20" Vinyl Cable release
36" Vinyl Cable release
20" Air release



Camera Care Items

Jumbo Hurricane Brush
Large Blower Brush
Medium Blower Brush
Small Blower brush
Lipstick Lens Brush
Lens Tissues
Small Micro Fibre
(Lens cloth)
Large Micro Fibre
(Lens cloth)
Lens Cleaning Solution
4 Piece Cleaning set
7 Piece Cleaning Set
(in White Snap Box)
2 x Silica Gel
4 x Silica Gel
3 x Digital Screen Protect
(Squeegee and cleaning)
Contact Cleaning Pen
Red Eye Pen



Camera Sling Strap

(Shock absorbing with
Concealed Wire, tripod
Bush attach) strap
Double concealed wire strap
Wrist strap bush fitting

Comfort Straps

(Wide Neoprene, loose stitched
Backing, reverse quick release
Catches Makes hand strap)
Black
Royal Blue
For Canon
For Nikon
For Minolta
For Pentax
For Olympus



30mm-38mm Wide Straps

Plain Black, embossed
For Canon, embossed
For Nikon, embossed
For Minolta, embossed
For Olympus, embossed
For Pentax, embossed
Hand Grip with Camera Platform
Narrow black strap 25mm

Loop Fitting Strap

Metallic Neck Strap
Metallic Wrist Strap

Rain Covers

Basic Rain Cover
Large
Medium
Summer
Winter



Dark Room

16"x17" Changing Bag
27"x29" Changing Bag#
3"x45" Changing Bag
10 piece Film Dev Kit
14 Piece film and print Dev Kit
Dark Room Apron
Straight Tank Thermometer
Angled Dish Thermometer
2 XS/Steel film Clips
3 x Bamboo Print Tongs
Print/film squeegee
Univ Dev Tank 2 x Spirals
35mm Dev Tank
Spare Univ Spiral
3 x 7"x10" Dev Trays
3 x 12"x10" Dev Tray
3 x 12"x16 Dev Trays
3 x 16"x20" Dev Tray
3 x 16"x20" Dev Trays
3 x 24"x20" Dev Trays



Graduated Beakers with Handle

500cc
100cc
2000cc

Graduated H/Duty Measures

50cc
100cc
250cc
300cc
650cc
1000cc

Safelights free standing Or wall fixing

Yellow
Green
Orange
Red

Flash Accessories

Inverted cone attachment give soft daylight result for

Canon 420EX
Canon 580EX
Canon 380EX
Nikon SB 600
Nikon SB 900

Diffusers

Canon 380EX
Canon 420EX
Canon 430EX
Canon 540EX
Canon 550EX
Canon 580EX
Nikon SB600
Nikon SB800
Nikon SB900

For v Pop up Flash
Soft Flash Elasticated Cover

Flash Brackets

Straight Flash Bracket
Angle Flash Bracket
Pro Bracket 1
Pro Bracket 2
Pro Bracket 3
Pro Bracket 5
Hot Shoe Co axial
Hot shoe with lead
Flash Slave Unit with Sucker
Flash Slave Nikon iTTL

Flash Leads PC Pc

.05m Straight
1m Straight
3m Straight
3m Straight
5m Straight
10m Straight
3m Coiled
5m Coiled

Flash Leads PC- two pin AC

0.5m straight
1m straight
2m straight
3m straight
5m straight



Film Items

Film retriever
SS Film Retriever
Film Cement
100 x super 8 splicing tape
Super 8 Tape Splicer
35mm Plastic reloadable
Cassettes
Film Cassette Opener
Bulk Film Loader
Attaché case 5 x 50 din mag
Attaché Case up to 600 slides
APS Film Case
Daylight Slide Viewer
3 x Mag Slide Viewer
2 X Mag Slide Viewer
Auto Slide Viewer
5"x4" Slide Sorter
6"x10" Slide Sorter
Box of 6 Acrylic Slide panels
Twin 50 Din Mag
Twin 50 CS Mag
Hanimax Rondel Mag
Hanimax Straight
Kodak Carousel c/w lid



Filter Accessories/Rings

2x Filter Wrench 48 - 58mm
2x Filter Wrench 62 - 77mm
Folding Filtr. Pouch 4 x - 67mm
Folding Filtr. Pouch 4 x - 67mm
Folding Filtr. Pouch 9 x - 86mm
Folding Filtr. Pouch 9 x - 67mm

Filter Rings with Ret also can be used as distance rings - black

25.5mm
27mm
28mm
30mm
30.5mm
34mm
35.5mm
37mm
37.5mm
40.5mm
43mm
46mm
48mm
49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm
82mm
86mm
95mm
105mm
127mm



Filter Ring rotating c/w retainer

46mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm
82mm
86mm



Lens Hood

Collapsible rubber

40.5mm
43mm
46mm
49mm
52mm
55mm
58mm
67mm
72mm
77mm

Wide Angle

49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm



Combi Two stage WA - Tele

49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm



Non Collapsible Lens Hood

Petal Hood Screw fit can be Rotated to centralise

49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm
Metal
27mm
28mm
30mm
30.5mm
34mm
37mm
40.5mm
43mm
46mm
82mm



Lens Caps

Snap Caps

27mm
28mm
30/30.5mm
34mm
37mm
40.5mm
43mm
46mm
48mm
49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm
82mm
86mm
95mm



With center grips

49mm
52mm
55mm
58mm
62mm
67mm
72mm
77mm
82mm



White Balance Snap Caps

52mm
55mm
58mm
62mm
67mm
72mm
77mm
82mm

Lens Pouches

With draw string

75x90mm
75x110mm
90x140mm
90x170mm
90x200mm

Zippered lid and filter compartment

Small
Medium
Large
Extra Large

Shoe Fitting Spirit Levels

2 Way
2 Way for Sony
3 Bubble
3 Bubble for Sony



Stepping Rings

Stepping Ring 25-28mm
Stepping Ring 25-30mm
Stepping Ring 25-37mm
Stepping Ring 27-28mm
Stepping Ring 27-30mm
Stepping Ring 27-37mm
Stepping Ring 27-43mm
Stepping Ring 27-46mm
Stepping Ring 27-49mm
Stepping Ring 27-52mm
Stepping Ring 28-27mm
Stepping Ring 28-30mm
Stepping Ring 28-30.5mm
Stepping Ring 28-35.5mm
Stepping Ring 28-30.5mm
Stepping Ring 30-5-25mm
Stepping Ring 30-5-27mm
Stepping Ring 30-5-28mm
Stepping Ring 30-5-33mm
Stepping Ring 30-5-35.5mm
Stepping Ring 30-5-37mm
Stepping Ring 30-5-43mm
Stepping Ring 30-5-46mm
Stepping Ring 30-5-49mm
Stepping Ring 30-5-52mm
Stepping Ring 30-25mm
Stepping Ring 30-28mm
Stepping Ring 30-30.5mm
Stepping Ring 30-33.5mm
Stepping Ring 30-43mm
Stepping Ring 30-46mm
Stepping Ring 30-49mm
Stepping Ring 32-5-37mm
Stepping Ring 34-37mm
Stepping Ring 34-43mm
Stepping Ring 34-46mm
Stepping Ring 34-49mm
Stepping Ring 35-5-37mm
Stepping Ring 35-5-49mm
Stepping Ring 36-37mm
Stepping Ring 37-5-37mm
Stepping Ring 37-5-43mm
Stepping Ring 37-5-46mm
Stepping Ring 37-5-49mm
Stepping Ring 37-5-52mm
Stepping Ring 37-27mm
Stepping Ring 37-28mm
Stepping Ring 37-30mm
Stepping Ring 37-30.5mm
Stepping Ring 37-34mm
Stepping Ring 37-35.5mm
Stepping Ring 37-37mm
Stepping Ring 37-37.5mm
Stepping Ring 37-40.5mm
Stepping Ring 37-42mm
Stepping Ring 37-43mm
Stepping Ring 37-46mm
Stepping Ring 37-49mm
Stepping Ring 37-52mm
Stepping Ring 37-55mm
Stepping Ring 37-58mm
Stepping Ring 38-1-49mm
Stepping Ring 38-1-52mm
Stepping Ring 38-1-55mm
Stepping Ring 38-1-58mm
Stepping Ring 39-46mm
Stepping Ring 39-49mm
Stepping Ring 39-52mm
Stepping Ring 40-5-37mm
Stepping Ring 40-5-43mm
Stepping Ring 40-5-46mm
Stepping Ring 40-5-48mm
Stepping Ring 40-5-49mm
Stepping Ring 40-5-52mm
Stepping Ring 43-34mm
Stepping Ring 43-37mm
Stepping Ring 43-39mm
Stepping Ring 43-46mm
Stepping Ring 43-49mm
Stepping Ring 43-52mm
Stepping Ring 43-58mm
Stepping Ring 43-62mm
Stepping Ring 46-37mm

Stepping Ring 46-43mm
Stepping Ring 46-48mm
Stepping Ring 46-49mm
Stepping Ring 46-52mm
Stepping Ring 46-55mm
Stepping Ring 46-58mm
Stepping Ring 46-62mm
Stepping Ring 46-67mm
Stepping Ring 48-43mm
Stepping Ring 48-46mm
Stepping Ring 48-49mm
Stepping Ring 48-52mm
Stepping Ring 48-55mm
Stepping Ring 48-58mm
Stepping Ring 48-69mm
Stepping Ring 49-34mm
Stepping Ring 49-37mm
Stepping Ring 49-39mm
Stepping Ring 49-43mm
Stepping Ring 49-46mm
Stepping Ring 49-48mm
Stepping Ring 49-52mm
Stepping Ring 49-55mm
Stepping Ring 49-58mm
Stepping Ring 49-62mm
Stepping Ring 49-67mm
Stepping Ring 49-72mm
Stepping Ring 49-77mm
Stepping Ring 50-49mm
Stepping Ring 50-52mm
Stepping Ring 50-55mm
Stepping Ring 50-58mm
Stepping Ring 52-37mm
Stepping Ring 52-43mm
Stepping Ring 52-46mm
Stepping Ring 52-48mm
Stepping Ring 52-49mm
Stepping Ring 52-55mm
Stepping Ring 52-58mm
Stepping Ring 52-62mm
Stepping Ring 52-67mm
Stepping Ring 52-72mm
Stepping Ring 52-77mm
Stepping Ring 55-37mm
Stepping Ring 55-46mm
Stepping Ring 55-48mm
Stepping Ring 55-49mm
Stepping Ring 55-52mm
Stepping Ring 55-58mm
Stepping Ring 55-62mm
Stepping Ring 55-67mm
Stepping Ring 55-72mm
Stepping Ring 55-77mm
Stepping Ring 58-37mm
Stepping Ring 58-46mm
Stepping Ring 58-48mm
Stepping Ring 58-49mm
Stepping Ring 58-52mm
Stepping Ring 58-55mm
Stepping Ring 58-62mm
Stepping Ring 58-67mm
Stepping Ring 58-72mm
Stepping Ring 58-77mm
Stepping Ring 60-62mm
Stepping Ring 62-46mm
Stepping Ring 62-49mm
Stepping Ring 62-52mm
Stepping Ring 62-55mm
Stepping Ring 62-58mm
Stepping Ring 62-67mm
Stepping Ring 62-72mm
Stepping Ring 62-77mm
Stepping Ring 67-52mm
Stepping Ring 67-55mm
Stepping Ring 67-58mm
Stepping Ring 67-62mm
Stepping Ring 67-72mm
Stepping Ring 67-77mm
Stepping Ring 67-82mm
Stepping Ring 69-52mm
Stepping Ring 69-62mm
Stepping Ring 69-67mm
Stepping Ring 69-72mm
Stepping Ring 69-77mm
Stepping Ring 72-52mm

Stepping Ring 72-58mm
Stepping Ring 72-62mm
Stepping Ring 72-67mm
Stepping Ring 72-77mm
Stepping Ring 72-82mm
Stepping Ring 72-86mm
Stepping Ring 72-95mm
Stepping Ring 77-52mm
Stepping Ring 77-58mm
Stepping Ring 77-62mm
Stepping Ring 77-67mm
Stepping Ring 77-72mm
Stepping Ring 77-82mm
Stepping Ring 82-67mm
Stepping Ring 82-72mm
Stepping Ring 82-77mm
Stepping Ring 82-86mm
Stepping Ring 86-82mm
Hasselblad Adapter B50-52
Hasselblad Adapter B50-55
Hasselblad Adapter B50-58
Hasselblad Adapter B50-67
Hasselblad Adapter B60-58
Hasselblad Adapter B60-62
Hasselblad Adapter B70-72
Rollei Adapter 66-67mm
Rollei Adapter 66-72mm

Scrapbook 3L

100x Adhesive dots small
100x Adhesive dots Medium
100x Adhesive Dots Large
500 x White Mounting Squares
250 x Clear Mounting Corners
250 x Reg 32mm M, Corners
250 x 32mm/Max View M, Corners
100 x 75mm Mounting Corners
100 x 75mm Max view M.Corners
25m Double Sided Tape
6m Super High Tack tape
250 x 10mm Clear Photo Corners
500 x 10mm Clear Photo Corners
250 x Photo Fix
500 x Photo Fix
3 x A4c Self laminating Cards
3 x A5 Self laminating Cards
3 x 150 x 100mm S, Lam Cards
10m Easy Runner Per adhesive
Easy Mini Dots dispenser

STUDIO

107cm Reflector
120cm Cube Light
50cm Cube Light
50cm Reflector
80cm Reflector
80cm Reflector Silver Glass
90cm Cube Light
92x122 Reflector (5 in 1)
Universal Umbrella Bracket
Black/Gold Studio Umbrella 24"
Black/Gold Studio Umbrella 33"
Black/Gold Studio Umbrella 36"
Black/Gold Studio Umbrella 40"
Black/Gold Studio Umbrella 43"
Black/Gold Studio Umbrella 47"
Black/Gold Studio Umbrella 51"
Black/Silver Studio Umbrella 24"
Black/Silver Studio Umbrella 33"
Black/Silver Studio Umbrella 36"

Black/Silver Studio Umbrella 40"
Black/Silver Studio Umbrella 43"
Black/Silver Studio Umbrella 47"
Black/Silver Studio Umbrella 51"
Black/White Studio Umbrella 24"
Black/White Studio Umbrella 33"
Black/White Studio Umbrella 36"
Black/White Studio Umbrella 40"
Black/White Studio Umbrella 43"
Black/White Studio Umbrella 47"
Black/White Studio Umbrella 51"
Silver/Glass Studio Umbrella 24"
Silver/Glass Studio Umbrella 33"
Silver/Glass Studio Umbrella 36"
Silver/Glass Studio Umbrella 40"
Soft White Studio Umbrella 24"
Soft White Studio Umbrella 33"
Soft White Studio Umbrella 36"
Soft White Studio Umbrella 40"
Soft White Studio Umbrella 43"
Soft White Studio Umbrella 47"
Soft White Studio Umbrella 51"
Studio Background Stand Kit

TriPods and Ball Heads

tripod Bushes Eng.-Cont
Pro Tripods with long and short col, 3 step leg play, bag hook, case
Shoulder strap
28mm Alloy 4 section
22mm 4 Section Carbon Fibre
28mm 4 Section Carbon Fibre
32mm 4 Section Carbon Fibre
Spare Tool Kit
Pro Monopods 4 section
28mm Alloy
22mm Carbon Fibre
28mm Carbon Fibre
32mm Carbon Fibre
Light weight Alloy with pan tilt, spirit level Geared centre col. Plus case
23mm three section
26mm three section
Ball and Socket Heads
24mm series 0
30mm series 0
36mm series 0
36mm series 1
44mm series 1
54mm series 1
36mm series 2
44mm series 2
54mm series 2
36mm series 3
44mm series 3
54mm series 3
105mm 3 Way
120mm 3 Way



Flexible Grip Pods

Small
Medium
Large
Wire Flexi Pod
G Clamp with ball head

KOOD DSLR Rigs

K Rig b1
K Rig 2
K Rig 3
K Rig 4
Camera Cage

KOOD Stead Cam

Vest and Arm 1
Carbon Stead Cam



Tracked Slider

60cm, 80cm, 100cm, 120cm

Skate Wheeled Dollies

K Small 4 wheels
K Big 4 Wheels 2 x stands
K Big 3 Wheels
K 2 x Dolly Stands

Follow Focus Devices

0 for rods/QR Clamp, Lens Gear Belt
1 for rods, Lens gear belt
2 for Camera, L Mount, Lens Gear Belt
3 Rods, Hard Stoppers, Lens Gear Belt
4 for Rods Hard Stopper, Quick release, Lens Gear Belt

Matte Boxes

KM1 KM2 KM3

Support Items

7" Arm
11"m
Arm Rod Clamp
Super crab Clamp
Speed crank for F0-4
12" Whip
18" Whip
Large Lens Support
LENS Gear Belt
Zoom Lever Gear Ring
18mm Connectors and Rods fr Rig 1
C Arm and Top Handle
Platform with 40cm Rods
L connector
Z Connector

Complete Rigs

Rig 1 with Top Handle
Rig 2 With Top Handle
Rig 3 F/Focus 4, KM2,
Crank, Whip and case
Rig 4, KF3, KM3
Cage set connector 2, Rods,
Top Handle KF 1, KM1

CAN BE ORDERED FROM ANY INDEPENDENT RETAILER

KOOD

KOOD International Limited, Unit 6, Wellington Road, London Colney AL2 1EY

Tel: 01727 823812 Fax: 01727 823336 E-mail: koodinternational@gmail.com

www.koodinternational.com

KOOD BRAND PRODUCTS ARE EXPORTED WORLDWIDE

KOOD SUPPLIES EVERY PART OF THE PHOTO TRADE - HOME AND EXPORT.

EMAIL: koodinternational@gmail.com FOR DETAILS OF STOCKIST IN YOUR AREA OR, IF YOU ARE A CAMERA EQUIPMENT TRADER, SEND YOUR DETAILS FOR ACCOUNT APPLICATION AND TRADE SUPPLY PRICES

YORK CAMERAS (LONDON) LTD

Telephone: 020 7242 7182
Email: sales@yorkcameras.co.uk

USED BARGAINS

CANON DIGITAL SYSTEM

Full Frame Sensor

EOS SD MkII body.....Mini-£499

EOS SD MkII body.....Exc++ £249

EOS 10S MkII body.....Exc++ £295

EOS 10S MkII body.....Exc++ £189

APS-H SENSOR

10 MkII body.....Exc++ £749

10 MkII body.....Exc++ £349

EOS 10 Mk II body boxed.....Mini-£499

APS-C SENSOR

EOS 70D body.....Mini-£399

EOS 50D body.....Exc++ £399

EOS 50D body.....Exc++ £399

EOS 40D body.....Mini-£329

EOS 40D + EF-S 18-55mm IS.....Exc++ £349

EOS 40D body.....Exc++ £299

EOS 300D + EF-S 18-55 Box.....Exc++ £149

EOS 300D body.....Exc++ £229

EOS 7D body.....Mini-£399

CANON "L" SERIES

EF 135mm f2 L hood, case.....Mini-£749

EF 180mm f3.5 L Macro hood.....Mini-£399

EF 200mm f2.8 L MkII hood.....Mini-£429

EF 200mm f2.8 L MkII hood.....Mini-£449

EF 200mm f2.8 L MkII hood + case.....Mini-£469

EF 200mm f2.8 L MkII + Collar.....Mini-£489

EF 300mm f4 L IS + case.....Mini-£599

EF 28-200mm f3.5-5.6 IS box.....Mini-£1099

EF 70-200mm f4 L hood.....Mini-£429

EF 70-200mm f4 L IS hood, filter.....Mini-£749

EF 70-200mm f2.8 L box.....Mini-£949

EF 70-200mm f4 IS box.....Mini-£999

EF 100-400mm f4.5-5.6 L IS box.....Mini-£1099

EF 100-400mm f4.5-5.6 L IS hood.....Mini-£999

CANON "L" SERIES ACCESSORIES

Trippod Mount Ring A box.....Mini-£39

Trippod Mount Ring A.....Mini-£39

EF 1.4x MkII extender box.....Mini-£149

EF 2.0x MkII extender.....Exc++ £139

EF 2.0x MkII extender.....Exc++ £199

EF 2.0x MkII extender.....Mini-£249

CANON EF/EF-S SYSTEM

EF-S 18-22mm USM.....Mini-£429

EF-S 18-22mm USM.....Exc++ £399

EF-S 17-55mm USM.....Mini-£299

EF-S 17-55mm USM + hood.....Mini-£299

EF-M 18-55 IS.....Mini-£39

EF-S 18-135mm IS STM.....Mini-£349

EF-S 18-135mm IS.....Mini-£399

EF-S 18-200mm IS.....Exc++ £339

EF 55mm f1.8 USM FLT, hood.....Mini-£275

EF 100mm f2.8 Macro USM box.....Mini-£399

EF 100mm f2 USM box.....Mini-£299

EF 70-210mm USM.....Mini-£159

EF 70-300mm IS USM.....Mini-£349

EF 70-300mm IS + hood.....Mini-£299

EF 80-200mm MkII.....Mini-£39

EF 100-300mm USM.....Exc++ £229

CANON FLASH SYSTEM

580 End Speedlite box.....Mini-£399

580 End Speedlite box.....Mini-£349

580 End Speedlite.....Exc++ £329

580 End Speedlite.....Mini-£149

580 End Speedlite.....Exc++ £129

580 End Speedlite.....Mini-£49

CANON BATTERY GRIP

BG-E2N (SD MkII).....Mini-£59

BG-E2N + 2X BP511 box.....Mini-£89

BG-E2N (SD MkII).....Exc++ £129

WFT-E4 (Transmitter SD II).....Mini-£349

CANON ACCESSORIES

Angle Finder C + case.....Mini-£129

Ray Flash Ring box.....Mini-£39

Aquasach Rain Shield.....Mini-£79

Aquasach Blimp.....Mini-£329

Focus Screen EE-D.....£10

Focus Screen EE-D.....£15

Lens Hood ET74.....£25

AKC-EX Box.....Mini-£49

Blue Crane (DVD's) (NEW) 550D, 500D, 350D, 40D, £15

SIGMA EOS FIT

18-50mm f2.8 EX DC.....Exc++ £199

Sigma 90mm CPL + Case.....Mini-£39

REALLY RIGHT STUFF

Angle Bracket 10 MkII.....Mini-£39

Trippod Plate SL MkII for Series II 10S + 1D.....Mini-£39

TIFFEN FILTERS

82mm CPL + 812 Warm.....Mini-£100

Complete with Tiffen case.....Exc++ £199

CANON FD SYSTEM

FTB QL 50mm f1.8 BL EPC Case.....Exc++ £199

A1 + 50mm f1.8.....Exc++ £149

A1 + 50mm f1.8.....Exc++ £189

A5-1 Program + 50 f1.8.....Exc++ £139

A5-1 + 50mm f1.8.....Exc++ £139

Power Winder A.....Exc++ £25

Angle Finder B.....Mini-£79

Photomicro Unit F.....Mini-£49

FL Slide Duplicator box.....Mini-£49

Howe T100 book.....£15

T90 Instruction Book.....£29

T90 Performance book.....£49

Speedlite 2441 box.....Mini-£25

Speedlite 3001L.....Mini-£39

FD 35mm f2.8.....Exc++ £129

FD 35mm f2.5.....Mini-£39

FD 50mm f1.8.....Exc++ £35

FD 50mm f1.4 SSC.....Exc++ £59

FD 50mm f1.4.....Mini-£39

FD 50mm f1.2.....Mini-£349

FD 55mm f1.2 SSC Breach Lock.....Exc++ £249

BD 85mm f1.8 SSC + hood (rare).....Exc++ £49

FD 135mm f3.5 SSC.....Exc++ £85

FD 135mm f3.5 Built In Hood.....Mini-£59

FD 200mm f4.....Mini-£79

FD 1.4x A Extender.....Exc++ £39

FD 2.0x B Extender.....Mini-£39

FD 300mm f4.5 L + Hood.....Exc++ £39

FD 300mm f5.6 Built In Hood.....Exc++ £39

FD 35mm f2.5.....Mini-£39

FD 35-70mm f2.8.....Exc++ £299

FD 35-70mm f2.8.....Exc++ £189

FD 70-210mm f4 + Case.....Mini-£39

FD 70-210mm f4.....Mini-£39

FD 80-200 f4 L + hood (rare).....Mini-£199

FD 100-300mm f5.5.....Mini-£39

CANON SUPER 8 CINE

Auto Zoom 318M.....Exc++ £39

Canon Auto Zoom 518.....Exc++ £149

OLYMPUS SYSTEM

OMG + 50mm f1.8 Zuiko.....Exc++ £129

OM11T + Zuiko 35-70mm T20 Speedlite.....Exc++ £349

OM4 + 35-70mm Zuiko.....Exc++ £179

Olympus 35SP.....Exc++ £199

XA + A16 flash.....Mini-£149

Tip Junior.....Exc++ £29

XA-2 + A11 Flash.....Exc++ £59

Zuiko 24mm f2.8.....Exc++ £139

Zuiko 35mm f2.8.....Exc++ £59

Zuiko 135mm f3.5.....Exc++ £59

Hoya 200mm f3.5.....Exc++ £25

Vivitar 28-90mm f2.8.....Exc++ £79

Zuiko 35-70mm f4.....Exc++ £49

Cosina 35-70mm f3.5.....Exc++ £29

Zuiko 35-70mm f3.5.....Exc++ £39

Zuiko 75-150mm f4 + Case.....Exc++ £59

Zuiko 75-150mm f4.....Exc++ £39

Zuiko 75-150mm f4.....Exc++ £49

Takina 70-210mm f4.5.....Exc++ £29

Pentax 80-200mm f4.5.....Mini-£29

Pentax Manual Tube No.7.....Mini-£45

Winder-1.....Exc++ £15

Type 4 Flash Shoe.....Exc++ £10

GERMAN CIRCA 1950s

Retinette 1A + case.....Mini-£39

Retinette 1A + case.....Mini-£39

Retinette 1B, Hood, Filter, Case.....Exc++ £129

Agfa-Lux Flashgun (bulbs).....Exc++ £10

Agfa-Lux Flashgun + case.....Exc++ £12

CONTAX / YASHICA

90mm f2.8 Sonnar + Hood.....Exc++ £349

TLA 280 Speedlite.....Mini-£199

TLA 280 Speedlite.....Mini-£49

Yashica Mk. 42-75mm f3.5.....Exc++ £49

Yashica Mk. 200mm f4.....Exc++ £49

Yashica Mk. 135mm f2.8.....Mini-£59

DIGITAL COMPACTS

Powernight G12 + case.....Exc++ £299

Powernight G9.....Exc++ £199

Leica D-Lux 3 box.....Mini-£199

Rioch GX100 box.....Exc++ £129

Rioch P10 28-300 box.....Mini-£149

Rioch S10 24-72mm box.....Mini-£199

PENTAX 6X7 SYSTEM

6x7 body + AE Meter Head SMC Takumar 105mm M with left hand wooden grip.....Mini-£399

SMC Pentax 135mm f4 Macro Filter, case.....Exc++ £299

SMC Pentax 200mm f4 + Case.....Mini-£199

PENTAX PK SYSTEM

Pentax M 100mm M Macro.....Mini-£149

LX Focus screen Type SE-20, SD-21, SE25.....£35

LX Neckstrap.....£29

LX Grip (black) box.....Mini-£49

Pentax SMC A 50mm f1.4.....Mini-£169

LX System Finder FS-1, FD-1 & FD-2 Very Rare.....Mini-£249

Pentax LX + FA-1 Head.....Exc++ £249

Pentax LX + FA-1 Head.....Exc++ £199

Pentax K1000 + 55mm f1.8.....Exc++ £179

Pentax P30 body.....Exc++ £39

Pentax LX Winder (2).....Exc++ £599

Pentax AF200C Ring Flash.....Exc++ £129

Pentax AF280T Ring Flash.....Exc++ £139

Pentax AF200T Ring Flash.....Exc++ £129

Pentax 2x16 Converter.....Mini-£59

Pentax M 28mm f2.8.....Exc++ £59

Pentax A 50mm f1.7.....Exc++ £59

Pentax M 200mm f4.....Exc++ £49

Sigma 600mm f8 Mirror.....Exc++ £59

Panagor 35-100mm f3.5.....As Seen £39

Ultra 80-200mm f4.5.....Exc++ £19

PENTAX M42 SYSTEM

Fuji S1801 + 50 f1.4.....Mini-£199

Russian Bellows Box.....Exc++ £59

Symetric F (Honeywell) SMC f5.8 Lens.....Exc++ £199

Symetric F + 50mm f1.4.....Exc++ £149

Asahi Bellows.....Exc++ £49

Asahi Eyepiece Magnifier.....Mini-£35

Asahi Clip-on Flashcube.....Mini-£25

Super Takumar 105 f2.8.....Exc++ £99

Super Takumar 135 f3.5.....Mini-£99

Takumar 300mm f4.....Exc++ £299

Pentax Bellows Unit with slide copier + boxes.....Exc++ £99

PRAKTICA

BX-20 + 50mm f1.8.....Mini-£29

28mm f2.8 (Bayonet).....Exc++ £39

50mm f1.8 (Bayonet).....Exc++ £23

MIRANDA

Type 1 Waist Level VIF Bar.....Mini-£20

Eyewield Level Finder.....Exc++ £30

CT-F Adapter Box.....Exc++ £10

Extension Tube Set.....Mini-£20

Flash Bracket.....Mini-£15

NIKON MF SYSTEM

F2 Photographic + 50mm f2.....Exc++ £499

FM2N body (chrome).....Exc++ £199

FE Body + MD12 (B&K).....Exc++ £149

Fahyde 16mm f2.8 AI.....Mini-£599

Nikkor 24 f2.8 AIS.....Exc++ £299

Nikkor PC 28mm f3.5.....Exc++ £599

Nikkor 28mm f3.5 AIS.....Exc++ £159

Nikkor 105 f2.5 AI.....Mini-£169

Nikkor 105 f2.5 AIS.....Exc++ £179

Nikon DR-3.....Exc++ £99

Nikon BR-3.....Mini-£



BUY AT A BETTER PRICE
SELL WITHOUT RISK OR HASSLE

www.mpbphotographic.co.uk

☎ 0845 459 0101



BUY

USED PHOTOGRAPHIC EQUIPMENT

Stop paying a premium on cameras and equipment - buy used at MPB. We are a specialist dealer in quality used gear, with a focus on Canon and Nikon products. We have a huge range of used equipment at fantastic prices, all of which come with a six month warranty and next working day delivery. We only trade in genuine stock purchased within the EU.

The Benefits of Buying Used with MPB

- ▶ Our high quality used equipment is significantly cheaper than new, and does not depreciate in value as much after purchase
- ▶ All of our Used Equipment comes with a six month warranty at no extra cost, for your peace of mind
- ▶ All in stock items are shipped for next working day delivery, with saturday delivery available as an option
- ▶ Our staff are knowledgeable and passionate about the equipment we sell



SELL

YOUR GEAR FOR CASH OR AN UPGRADE

Avoid the risks and additional fees of auction sites by selling your equipment to us! We buy most modern photographic equipment, including cameras, lenses, flashguns, tripods and more.

Just tell us what you have and we'll give you a competitive quote within one working day. If you're happy with it, we'll arrange courier collection free of charge. You can also part exchange your used gear for new equipment with us; we'll arrange free collection on a suitable day and throw in free delivery on the items you purchase!

How Selling to Us Works

- ▶ Fill in our simple online form (or call us on our phone number below) listing any items you'd like to sell and their condition
- ▶ We'll get back to you with a competitive quote within one working day
- ▶ If you accept, we'll arrange free courier collection of your items on a suitable day
- ▶ Once we have checked the items, we'll confirm the quote by email and send you the money via bank transfer



WE OFFER GREAT PART EXCHANGE DEALS
All part exchange orders come with free courier collection of your items as well as free delivery on the items you purchase!



🐦 @mpbphotographic

f /mpbphotographic

g+ /+mpbphotographic

www.mpbphotographic.co.uk

0845 459 0101



Accessorise For LESS

A RANGE OF ACCESSORIES THAT PROVIDE QUALITY ALTERNATIVES SO YOU CAN EXPAND YOUR SYSTEM FOR LESS

AND AMATEUR PHOTOGRAPHER READERS CAN SAVE 10% - Quote AP_12_13

Nest NT-530 Carbon Fibre Gimbal Head

The must-have tool for the wildlife/sport photographer. Whether you are birding, shooting sporting events or any other subject that requires fast and smooth tracking and a quick change of camera positions, this head easily manages lenses to 600 mm & 15 kg.

CARBON FIBRE FOR ONLY... £279.99



Tripod Not Included

Viltrox JYC-760 Macro Ring Light

Twin-tube ring light designed for macro photography. Flash tubes can fire together or independently and the brightness can be adjusted. It includes 6 pieces adapter rings. (49mm, 52mm, 55mm, 58mm, 62mm, 67mm). Right and left light ratio can be set separately. External power source socket. **Canon TTL version now available £119.99.**



£84.99

Battery Pack Offer

Buy Any Battery Pack Value Over £100 Receive A FREE Tri-Speed H120 Flash Accessory



Flashguns Not Included

Wondlan Wireless Time Lapse Electronic Slider

During time-lapse shooting, the movement and the shutter of the camera will both be controlled by the program set up by the user. The whole system will synchronize. In slow mode, the camera will move a and stop, and then the shutter will be released. So all pictures are taken when the camera is still, no "motion blur" will occur.

£799.99 Ball Head & Camera Not Included



WORLD FIRST

Viltrox FC-210C E-TTL Wireless Trigger for Canon DSLRs

A professional transceiver which can remotely control different groups of flashguns and achieve TTL communication between a TTL flashgun and camera. It can also synchronize off-camera flashguns. It is also a trigger for single control of off-camera flashgun synchronized flashing, control of off-camera flashgun groups synchronized flashing, and remote control shooting. Range is about 100m in open areas.



£74.99

Aputure Amaran Halo Ringflash

The perfect macro lighting solution for your DSLR camera. It operates smoothly, giving you steady, bright, and uniform light to achieve your desired photographic effect. It also provides six modes: full brightness or left/right-side, either continuous light or as a flash, to meet a variety of needs. The Halo LED Ring Flash is available for Canon & Nikon cameras.



Camera Not Included

£49.99

NEW PRODUCTS

NEW TO THE U.K. & UK PHOTODISTRO Gamilight Light Modifiers

A range of fold-flat modifiers that pop-up ready for use. They are lightweight and clip to your flashgun using a unique attachment.



Full details on website

Available in a choice of 3 sizes plus a spot attachment. Flashguns not included.

Godox VING V850 Li-ion Camera Flash

VING is the world's first rechargeable Lithium-ion powered hotshoe strobe. As a manual flash, V850 uses a lithium-ion polymer battery instead of AA-sized batteries and external power pack. This brings three advantages: fast recycle time, more flashes per charge, and convenience. It is an all manual flash to fit all camera brands e.g. Canon, Nikon, Pentax, etc.



WORLD FIRST

£124.99

It is not possible here to show the complete range of products we have available - please contact us on the number below or see our website...

www.ukphotodistro.co.uk | 0845 287 0710 Charged at National Rate All prices shown INCLUDE VAT and delivery to U.K. mainland

MORRIS Photographic Centre

www.MORRISPHOTO.co.uk

Tel: **08454 30 20 30** Helpline: **01608 649224**
Unit 9, Worcester Road Ind Est, CHIPPING NORTON, Oxon. OX7 5XW.
Fax: 01608 644555 Email: sales@morrisphoto.co.uk

Visit our website, but if you prefer to call in person - please call at our showroom dedicated to bags, tripods, accessories, clothing etc - open Mon-Sat 9am-5pm (Tue 9.30-5pm).

MANFROTTO ACTIVE BACKPACK 1

High quality and high capacity yet surprisingly compact, this bag that doubles as a standard daypack. It can hold your DSLR with a couple of standard lenses, 15" laptop & accessories. The bag is split into four zippered compartments. The top compartment is for any personal items with the bottom part for photo gear. The divider that separates the top and bottom compartment can be removed so that it can be turned into a daypack.

Active Backpack 1 £79.95
Active Backpack 2 £89.95

LOWEPRO DSLR VIDEO FASTPACK 150AW

This complete carrying solution builds on the award-winning design of the original Fastpack backpack and incorporates flexible options for today's multimedia photographer. Offers a carrying solution for the photographer who shoots stills and/or video. Highly customizable camera compartment with padded, adjustable divider system. Fast-access, side-entry pocket allows shooter to quickly grab gear by rotating pack to front and unzipping camera compartment. Audio compartment provides storage for headphones, microphone, transmitter/receiver set etc. Removable Custom Audio Utility Pouch aids in the neat and organized management of small audio accessories and cables. Toploading laptop pocket provides easy-access and protective space for computer. Hiway Tripod Mount™ helps secure a tripod or DSLR video rig to side of pack via foldout holder and strap.

DSLR Video Fastpack 150AW SAVE £10 £64.00
DSLR Video Fastpack 250AW SAVE £6 £78.00
DSLR Video Fastpack 350AW SAVE £36 £84.00

THINKTANK RETROSPECTIVE 7

A soft-sided shoulder bag, which is the perfect size for standard DSLR systems. Pocket at rear is perfect for notebook/tablets to 10". Seam sealed rain cover included for protection. There's a soft, adjustable shoulder strap with cushioned non slip pad.

Retrospective 7 £120.00
Retrospective 5 £107.50
Retrospective 10 £114.95
Retrospective 20 £118.00
Retrospective 30 SAVE £7 £138.00
Retrospective 40 SAVE £5 £159.95
Retrospective 50 SAVE £5 £184.95

THINKTANK MEMORY CARD HOLDERS

Pee Wee Pixel Pocket Rocket™ stores 4 Compact Flash cards and 3 Secure Digital cards in a small, compact package. Features a business card holder for easy identification. Fits in your pocket or can be attached to clothing. Attach to inside of the thinkTANK range of bags.

Pee Wee Pixel Pocket Rocket £28.99
Pixel Pocket Rocket (10 CF) £11.50
Promo Pixel Pocket Rocket (6 CF) £7.49
SD Pixel Pocket Rocket (9 SD) £12.95

ALSO STOCKED AT MORRIS

Delkin SD Memory Card Tote SAVE £2 £4.97
Delkin CF Memory Card Tote SAVE £2 £4.97
GoPro Card Safe Basic £10.99
Matin M-7116 Ultra Slim Card Safe £4.99

KATA BUG 205PL BACKPACK

The unique design provides quick, separate access to your Pro DSLR with battery grip and up to a 300mm lens attached, 6-8 lenses, camera body, and flash. The quick access opening lets you get to your main camera without having to open the rest of the bag. Double-sided Elements Cover for protection no matter what the weather and environment conditions.

Bug 205PL Backpack SAVE £135 £149.95

JUST MINI SENSOR CLEAN KIT

Designed as a low cost solution for both amateurs and professionals. The kit is supplied with ultra soft swabs and a bottle of sensor solution, along with illustrated instructions. Please note that sensors should be dried clean before this kit is used so that no dust particles are present. All sensor size kits available.

Sensor Clean Mini Kit £16.95

BRAUN LW-130 TRIPOD KIT

A lightweight and compact tripod. It features a quick release platform and has a 3 way pan head with a spirit level. The center column is geared with a crank and the legs are braced for extra stability. It has 3 leg sections constructed from anodized aluminium. There is a carrying strap for easy transportation. It also has anti-slip rubber feet and a hook to hang a bag for added stability. A carry bag is included. Max height: 130cm. Min height: 56cm. Closed height: 56cm. Weight: 940g. Load: 3kg.

LW-130 Tripod Kit £19.95
LW-160 Tripod Kit £27.35

MANFROTTO 190XPROL + 804RC2 KIT

This tripod makes photographing at full height more comfortable for taller people and gives more positioning and framing flexibility to all users. The manfrotto 190L isn't just tall. With its independent 4 leg-angle settings, it can be set at any height between the maximum and almost ground level. Closed length: 64cm. Load capacity: 5kg. Max height: 164cm, centre column down: 140cm. Min height: 8.5 cm. Weight: 2kg. The 804RC2 is a 3-way photo head constructed of ultra-durable and lightweight technical polymer. Ergonomic and newly designed handles fit comfortably in the hands, while the standard quick release plate fits snugly in the low-profile receiver.

190XPROL + 804RC2 Kit SAVE £68 £149.00

SLIK PRO 700DX AMT KIT

Featuring Slik's Super Alloy "AMT" - a blend of Aluminium, Magnesium and Titanium for a strength to weight ratio some 40% greater than similar tripods. Multi-position legs allow low level shooting, and extra versatility on uneven ground. Each leg is covered with a foam grip. The centre column is simple to adjust - loosen the locking collar and move to the desired position. A friction collar is provided, allowing you to slow the movement. The column is reversible, making this a great choice for macro photographers. Supplied with FREE 700DX head (worth £59.99). A perfect match to the leg set, this all-metal head has two pan handles to operate each axis independently. Max height: 190cm. (152cm column down). Min height: 62cm. Closed height: 76cm. Weight: 3.5kg. Load: 6kg.

Pro 700DX AMT Kit SAVE £150 £129.95

www.morrisphoto.co.uk

GIOTTOS GT8223-5011N KIT

Made from carbon fibre, it is designed to be compact yet stable. Features "reverse technology" legs that when collapsed fold through 180° and surround the tripod centre column and head, making the kit more compact and easier to carry between locations. It features leg twist locks, which are quick to set up and comes supplied with a 2-way head that can take up to 4 kg's in weight. The head has a quick release plate for ease of use and a safety lock to ensure your camera is secure. Max height: 145cm. (111cm column down). Min height: 53cm. Closed height: 51cm. Weight: 1.21kg. Load: 4kg.
GT8223-5011N Kit SAVE £61 £119.00
GT9223-5011N (Aluminium) Kit SAVE £61 £89.00

TREKKING SWING-UP STRAP

Enables you to comfortably carry a heavy camera sideways. Made from robust nylon webbing, it supports a load greater than 10 kg. With an original system for fixing on the housing base, it slides along the webbing to its resting or shooting position. Use a tripod without removing the mount plate, go from tripod to carry position easily.

Swing-Up Strap SAVE £2 £34.45
Swing-Up Strap 2 Cameras SAVE £2 £57.54
Safari Classic Strap SAVE £2 £34.45
Safari Sport Strap SAVE £2 £23.49
SLR Strap SAVE £2 £21.49
Short SLR Strap SAVE £2 £10.49
Pro Harness Strap SAVE £2 £42.49
Hand Strap SAVE £2 £14.49

KOOD STRAPS STOCKED AT MORRIS

Comfort Neoprene Strap Black £9.95
Comfort Neoprene Strap Can/Nik/Pen/Oly £9.95
Universal Strap Black £6.59
Universal Strap Can/Nik £6.59
MATIN NEOPRENE STRAPS STOCKED AT MORRIS
7293 Strap SAVE £4 £28.95
7295 Strap SAVE £7 £22.85

PEAK DESIGN CAPTURE CLIP

Holds any camera: DSLR, Micro 4/3 or point-and-shoot. Attaches to any strap or belt. Works with straps up to 7.6 cm wide & 1.3 cm thick. Quick release locking action.

Strong enough for any physical activity. Quick-release lock withstands over 150 lbs. of force. Eliminates the need for a neck strap, sling, holster or camera bag.
Capture Clip & Arca Plate £59.99

FREE UK Mainland P&P orders over £49

XRITE COLOMUNKI SMILE

Calibrate LCD & LED displays - laptop or desktop. Easy and intuitive wizard interface - no colour science knowledge required. Calibrate one or multiple monitors for colour consistency everywhere. Uses the same colour engine technology found in X-Rite's pro level colour calibration solutions. Easy on-line help videos - no extra manuals needed.
ColorMunki Smile SAVE £15 £69.90
ColorMunki Display SAVE £28 £111.00
ColorMunki Photo SAVE £2 £307.00

facebook twitter YouTube Seen a better price - ask us to match or better! All prices valid whilst stocks last and include VAT @ current rate. BEST FOR BAGS - TERRIFIC FOR TRIPODS

Cameras For Sale

Best Nikon movie kit with D800 body, Mosaic Engineering aliasing filter, MBD12 battery grip, 2 batteries, 50mm f1.4 lens. Quick sale **£2000**.
Nikon 200-400mm f4 G AF-S ED (Not VR II model) **£2,500**.
 Only tested **Leica Telyt-M 135mm f3.4 lens**. **£1,350 ONO**.
Leica M-Polarizing kit in case **£350**.
Zeiss Distagon T 18mm f4 lens and **ZI 18mm viewfinder**. **£750 ONO**.
Canon EF 70-200mm f4 L IS lens complete with optional tripod mount. **£700**.
Canon TS-E 17mm f4 Tilt/Shift lens **£1,400**.
 All the above with boxes.
 Tel: **0117 942 1950** or **07593 632 284**
 Email: **kit.bland@gmail.com**

Teddington Photographic
 Buy and sell used
 photographic equipment
www.teddingtonphotographic.com
020 8977 1064

Specialist Repairers

Newton Ellis & Co
CLASSIC CAMERA REPAIR SPECIALISTS
Tel: 0151 236 1391
 Postal service available
 Repairs to all photographic equipment
 cameras (classic, modern and digital)
 lenses, camcorders, binoculars, etc
29 Cheapside, Liverpool L2 2DY
www.newtonellis.com

Black & White Processing

KAREN WILLSON BRISTOL, Superior
 quality processing & printing. Tel: 01179
 515671 www.kwillsonprocessing.co.uk

Internet Services

Club Projected Image Competitions ?

You need Clubshow & Titlesizer C **FREE** software

- ★ Reduces images with high quality retention
- ★ Records Judge's Marks & Heldbacks
- ★ Displays single or Multiple images
- ★ Power failure autosave
- ★ £15.00 handling charge.
- ★ P C Format only.

Make it easy !



For full details email us at software@ssdcc.co.uk

or visit us via this weblink <http://www.ssdcc.co.uk/software/>

Colour Processing

print4keeps

from
20p
 per print



your images
 are precious,
 print to keep them



www.print4keeps.com

Camera Fairs

CAMERA FAIR POTTERS BAR
Sunday 12th January, Elm Court
Community Centre, Mutton Lane,
EN6 3BP. M25 J.24,
close to Potters Bar station.
 Admission. Earlybird 9.15am £4.
 After 10.30am £2. Refreshments.
 Details Peter Levinson
Tel: 020 8205 1518

SOUTH LONDON CAMERA FAIR
Sunday 19th January 2014.
 Buy, sell or exchange film/digital.
 Kemnal Technology College, Sevenoaks
 Way, Sidcup, Kent, DA14 5AA.
 Entry 10am-2pm £3. Before 10am £10.
 Free camera check at camera clinic.
 BOOKINGS - 0208 852 7437.
www.mppusers.com/camerafair

Wanted

Peter Loy
 COLLECTABLE CAMERA SPECIALISTS

CAMERA COLLECTIONS WANTED

Tel: +44 (0)20 8867 2751
 Call us - we can come to you
 (UK & Europe)
www.peterloy.com

PETER WALNES

WANTED FOR CASH OR COMMISSION

Digital: Nikon D3, D3x, D3s, D4, D90, D200, D300, D300s, D600
 D700, D800, D800E, D5000, D5100, D5200, D7000, D7100

Canon EOS 1Ds II/III, 1D II/III/IV, 1D X, 1D C, 5d I/II/III, 7d I/II
 50D, 60D, 100D, 500D, 550D, 600D, 700D, 1100D. G9-12

Late high-end Olympus, Panasonic Lumix, Pentax, Sony Alpha
 Leica M8, M8.2, M9, M9-P, M type 240, M Monochrom, M-E
 Leica DMR backs, X1, X2, D-lux 3-6, Digilux 3
 Fuji X-series. Hasselblad H-series. Epson R-D1/1s
 Late high-end Minolta, Samyang, Sigma, Tamron, Tokina lenses

Film: Alpa, Angenieux, Arca Swiss, Contax, Ebony, Fotoman
 Fuji 6X7 up to 6X17, Hasselblad, Horseman, Konica Hexar
 Kinoptik, Leica, Leica copies, Linhof, Mamiya 6 and 7
 Nikon, Pentax 67, Plaubel, Rodenstock, Rollei, Schneider, Sinar
 Toyo, Voigtlander Bessa, Zeiss Contarex, current Zeiss Ikon

Must be in nice condition! Estate sales welcome.

**Contact us now for our best price. We can also arrange
 collection from your address on a day of your choice.**

Tel: 01736 719461 Fax: 01736 719538

Email: pwalnes@truemesh.com Website: www.peterwalnes.com
Peter Walnes, PO Box 332, Penzance, Cornwall TR18 9DP

Accessories

Photographic Backgrounds

Hard wearing • Low crease • Washable

PLAIN			
			8' x 8', .£15
			8' x 12', £24 PLUS P&P
			8' x 16', £29

10 COLOURS INC BLACK, WHITE & CHROMA COLOURS

CLOUDED			
			8' x 8', .£27 PLUS P&P
			8' x 12', £44

20 COLOURS. SPECIAL OFFER : 8 x 12 CLOUDED - 2 FOR £80 OR 3 FOR £115

01457 764140 for free colour brochure or visit
www.colourscape.co.uk



A COLLECTOR'S LIFE FOR ME

When Tony Kemplen resolved to use a different film camera each week, he discovered a treasure trove of lost gems

WITH a name like Sputnik, this three-eyed monster of a camera could only have come from the USSR. Lovers – and I use the term advisedly – of Soviet-era cameras will spot its origins immediately. It is clearly a Siamese twin version of the Lubitel 2, a workhorse budget twin-lens reflex, an updated version of which is still in production today. Many Russian cameras were in production for long periods. The Sputnik was introduced in 1955 and discontinued in 1974, and it was made in the Lomo factory in what is now St Petersburg.

The original Lubitel was one of the first cameras I owned. I bought it new when I was at school in the 1970s for around £15, which was a lot cheaper than any other comparable medium-format camera. Although basic, it was capable of reasonable results. When I first became aware of the stereo version, I knew I'd have to track one down eventually but it wasn't hard to find. There are always some on eBay, and if you bide your time you should be able to get one for under £100. Mine came with a stereo viewer and contact-printing frame, as well as a sturdy but rather stiff case.

The principle of stereo photography is simple. Two images are taken simultaneously, from slightly different viewpoints, with the distance apart being the same as that between the human eyes. Various techniques are then available to view the stereo image, but essentially one photo is presented to the left eye and one to the right. The brain does the rest and we see a 3D picture. Although some superb large projected images are possible, the simple but magical effect gained from using a handheld viewer is far more charming. I also suspect that in the Soviet Union the contact-printed stereo pair, which didn't even require an enlarger, would have been the most practical option.

Having cut my medium-format teeth on a Lubitel, I was already familiar with the workings of the Sputnik. Focusing and composition are done using the waist-level finder, and the shutter speeds and apertures are set manually according to the



lighting conditions. Staying with the Russian theme, I used my Leningrad IV handheld exposure meter to determine the settings. Although each lens has its own shutter and diaphragm, you only need to set the right-hand one. The settings are transferred across to the other lens via articulated bars.

The cheap plastic case turned out to be a bit of a liability in use. The camera has no strap lugs, so the only way to hold it comfortably and securely at waist level is to use the strap on the case. However, the front flap doesn't detach, and unless purposefully held out of the way it springs up and gets in front of the lens. This kind of simple flaw is why people tend to have a love-hate relationship with Russian cameras! The Sputnik is also renowned for troublesome internal light reflections caused by the shiny black interior. Serious users apparently apply black flocking to reduce this problem.

The waist-level viewfinder gives a nice bright view, while focusing is via a small circle of ground glass in the centre. The little pop-up magnifying glass in the hood is essential to do this accurately, and the image is reversed, which takes some getting used to.

With only six pairs of negatives on a roll, you have to think carefully about what to photograph and

how to go about it. There were no spacecraft to be found on the day I took my Sputnik for a spin, but this helter-skelter has a whiff of the rocket about it. I suffer from vertigo, and even without a stereo camera a ride on one of these would have me seeing double, so I stayed firmly on the ground and allowed my three-eyed friend do the work. **AP**



To read more about Tony's 52 cameras project visit <http://52cameras.blogspot.com>. To see more photos from the Sputnik, visit www.flickr.com/photos/tony_kemplen/sets/72157627355001324

Editorial

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU
Telephone 0203 148 4138 **Fax** 0203 148 8123
Email amateurphotographer@ipcmedia.com
Picture returns: **Telephone** 0203 148 4121
Email appicturedesk@ipcmedia.com

Subscriptions

Email ipcsubs@quadrantsubs.com.
Telephone 0844 848 0848 or +44 (0)330 3330 233 from overseas.
 One year (51 issues) UK £145.55; Europe €259.99;
 USA \$338.99; Rest of World £221.99.

Test Reports

Contact OTC for copies of camera test reports published in AP.
Telephone 01707 273 773.

Advertising

Amateur Photographer, IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 2516
Email mark_rankine@ipcmedia.com
Classified telephone 0203 148 2929. **Fax:** 0203 148 8158
Display telephone 0203 148 2516. **Fax:** 0203 148 8158
Inserts call Innovator on 0203 148 3710

Editorial team

Group Editor	Nigel Atherton
Editor's PA	Christine Lay
Technical Editor	Richard Sibley
Deputy Technical Editor	Michael Topham
Technical Writer	Callum McInerney-Riley
Technique/Features Editor	Phil Hall
Senior Features Writer	Oliver Atwell
News Editor	Chris Cheesman
Production Editor	Lesley Upton
Deputy Production Editor	Breandan Maguire
Senior Sub Editor	Oliver Cotton
Art Editor	Mark Jacobs
Deputy Art Editor	Sarah Foster
Designer	Antony Green
Photo-Science Consultant	Professor Robert Newman
Studio Manager	Andrew Sydenham
Picture Researcher	Rosie Barratt

Special thanks to The moderators

of the AP website Andrew Robertson, Chris Cool, Fenris Oswin, Iisadb, Nick Roberts, The Fat Controller
Contributors Chris Gatum, Jon Stapley

Advertising team

Advertising Director	Mark Rankine	0203 148 2516
Advertisement Manager	Julia Laurence	0203 148 2508
Senior Display Sales Exec	Simon Gerard	0203 148 2510
Display Sales Exec	Sophia Freeman	0203 148 2637
Area Manager Midlands & North	Rob Selvey	01922 412 720
Classified Sales enquiries	Rob Selvey	01922 412 720
Display Ad Production	John Jones	0203 148 2671
Copy Chaser	Kumu Vitlani	0203 148 2645

Marketing and promotions

Marketing Manager	Samantha Blakey	0203 148 4321
Online Manager	Karen Sheard	0203 148 4943
SPI Administrator	Nadine Thomas	0203 148 4326

Inserts Innovator Telephone 0203 148 3710

Repro Camden Town Typesetters Ltd Telephone 0208 523 6700

Printed in the UK by Wyndeham Group

Distributed by Marketforce, Blue Fin Building, 110 Southwark Street, London SE1 0SU. **Telephone** 0203 148 3333

Publishing team

Group Magazines Editor	Garry Coward-Williams
Publishing Director	Alex Robb
Managing Director	Paul Williams

All contributions to Amateur Photographer must be original, not copies or duplicated to other publications. The editor reserves the right to shorten or modify any letter or material submitted. IPC Media or its associated companies reserves the right to re-use any submission sent to the letters column of Amateur Photographer magazine, in any format or medium, WHETHER PRINTED, ELECTRONIC OR OTHERWISE. Amateur Photographer is a registered trademark of IPC Media © IPC Media 2014. Amateur Photographer (incorporating Photo Technique & Camera Weekly) Email: amateurphotographer@ipcmedia.com Website: www.amateurphotographer.co.uk IPC switchboard tel: 0203 148 5000 Amateur Photographer is published weekly (51 issues per year) on the Tuesday preceding the cover date by IPC Inspire, part of IPC Media, Blue Fin Building, 110 Southwark Street, London SE1 0SU. Distributed by Marketforce (UK) Ltd, Blue Fin Building, 110 Southwark Street SE1 0SU. ISSN 0002-6840. No part of this publication may be reproduced, stored in a retrieval or transmitted in any form or medium, whether printed, electronic or otherwise, without the prior written permission of the publisher or the editor. This is considered a breach of copyright and action will be taken where this occurs. This magazine must not be lent, sold, hired or otherwise disposed of in a mutilated condition or in any authorised cover by way, or by trade, or annexed to any publication or advertising matter without first obtaining written permission from the publisher. IPC Media Ltd does not accept responsibility for loss or damage to unsolicited photographs and manuscripts, and product samples. IPC Media reserves the right to use any submissions sent to Amateur Photographer Magazine in any format or medium, including electronic. One-year subscription (51 issues) £145.55 (UK), €259.99 (Europe), \$338.99 (USA), £221.99 (rest of world). The 2013 US annual DEU subscription price is \$338.99, airfreight and mailing in the USA by named Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to Amateur Photographer, Air Business Ltd, c/o Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd floor, Jamaica, NY 11434, USA. Subscriptions records are maintained at IPC Media, Blue Fin Building, 110 Southwark Street, London, SE1 0SU. Air Business Ltd is acting as our mailing agent.

NEW YEAR



Visit our website for a whole range of products at low prices included in our **WINTER SALE!**
NOW ON!

Canon EOS 5D MkIII Body Only

Unlock your creativity.

The EOS 5D Mark III is a full-frame camera with 22.3-megapixel full frame sensor with 61-point autofocus and 6fps continuous shooting. Record superb Full-HD video, with manual control of frame rate and audio.



FREE
grip &
software

Purchase an EOS 5D MkIII & receive a BG11 Grip, Adobe Lightroom 5 & Premier Elements 11 FREE!

Now only **£2,329.00**

Nikon D3200 + AF-S DX 18-55mm f/3.5-5.6G VR Lens

Celebrate your memories with the powerful D3200.

A fantastic way to capture life in rich detail, the D3200 even lets you send images directly from the camera to a smart device so you can share your photos and movies instantly.



£30
cashback

***Price includes £30 cashback.** You pay £359.00 & claim £30 from Nikon. T&Cs apply. See web

Now only **£329.00***

Pentax K-5 II + 18-55mm DA L WR

Highly Sensitive

Discover a new level of creative freedom with the K-5. A high performance 16 megapixel CMOS sensor is coupled with an 11-point autofocus system, to ensure you capture every detail.



£85
cashback

***Price includes £85 cashback.** You pay £664.00 & claim £85 from Pentax. T&Cs apply. See web

Now only **£664.00***

Epson Stylus Photo P50

Home photo printer

Get creative and produce better-than-lab-quality photos at home. Team it up with your digital camera for superb borderless prints up to A4 size.



SPECIAL
PRICE!

Learn more about the P50. Visit www.ParkCameras.com to see our product video.

*while stock lasts

AP Price **£139.00***

SanDisk Extreme Pro Cashback

With lightning-fast (up to 90 MB/s write) speed, you'll be able to capture more continuous burst shooting—and get the most out of your Professional digital SLR camera. And with up to 64GB of storage, you'll be ready for more RAW+JPEG and high-def video, too.



up to
£50
cash
back

Available in SD and CF formats from 16 - 64GB

From only **£39.99**

Fuji Lens Cashback up to £100 cashback on selected Fuji lenses

Shorter back focus

— the defining difference of XF lens design.



Visit our **BURGESS HILL** or **LONDON** store and try them out for yourself!

From only **£249.99**

PARKCameras

53 - 54 Rathbone Place, **LONDON**, W1T 1JR
York Road, **BURGESS HILL**, West Sussex RH15 9TT



Tel: 01444 23 70 60

www.ParkCameras.com/AP

Join, Follow, Tweet & Watch us on



All prices include VAT @ 20% See website for our opening times for both our London & Burgess Hill stores. All products are UK stock. E&OE. * = Please mention "Amateur Photographer" for this special price

Prices correct at time of going to press; Prices subject to change; check website for latest prices.

OLYMPUS

Your Vision, Our Future

i.ZUIKO DIGITAL



Move into a New Age

STYLUS 1

Engineered into a remarkably slim body, the STYLUS 1 combines powerful features including OM-D technologies that perform in every discipline. Maintaining a bright 1:2.8 aperture throughout its entire zoom, the ultra-slim 28–300mm (35mm equivalent) i.ZUIKO lens enables you to capture distant subjects in dimly lit environments with exceptional clarity and virtually unequalled vividness. A large Electronic Viewfinder lets you compose your shots just as if you were using an interchangeable lens camera. With this camera, the moments you could never capture before are now all yours.

Find out more at your local dealer or visit: olympus.co.uk/stylus1

i.ZUIKO
ULTRA SLIM 28–300mm 1:2.8